Arlington Conservation Commission

Date: Thursday, June 3, 2021
Time: 7:30 PM
Location: Conducted by Remote Participation

Please note: The listing of matters are those reasonably anticipated which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may be brought up for discussion to the extent permitted by law.

Agenda

1. Administrative

    a. In accordance with the Governor's Order Suspending Certain Provisions of the Open Meeting Law, G. L. c. 30A, § 20 relating to the COVID-19 emergency, the June 3, 2021 public meeting of the Arlington Conservation Commission shall be physically closed to the public to avoid group congregation. The meeting shall instead be held virtually using Zoom.

    Topic: Conservation Commission Meeting
    Time: June 3, 2021 07:30 PM Eastern Time (US and Canada)

    Register in advance for this meeting:
    https://town-arlington-ma-us.zoom.us/meeting/register/tJ0rcOGtqDguGdzp3E5M6fxuKc06F-W2gQNE

    Members of the public are strongly encouraged to send written comment regarding any of the hearings listed below to Conservation Agent Emily Sullivan at esullivan@town.arlington.ma.us.

    Please read Governor Baker's Executive Order Suspending Certain Provision of Open Meeting Law for more information regarding virtual public hearings and meetings: https://www.mass.gov/doc/open-meeting-law-order-march-12- 2020/download

    b. Review draft 05/20/2021 minutes

    c. Discuss updates to the Thorndike Place comprehensive permit application.

    d. Discuss updates to the 1165R Mass Ave comprehensive permit application.

    e. Water Bodies Working Group Update

2. Hearings

    Request for Extension of Order of Conditions

    Request for Extension of Order of Conditions:114-116 Milton Street
    MassDEP File #091-0293

7:45pm The project as approved proposed to construct an addition and add native landscaping to 114-116 Milton Street within Bordering Land Subject to Floodplain and Floodplain. This project was approved by the Conservation Commission on 06/21/2018.

Request for Extension of Order of Conditions

Request for Extension of Order of Conditions:10-16 Mill Street
MassDEP File #091-0294

7:55pm The project as approved proposed to redevelop and add an addition to 10, 12, 14-16 Mill Street within the 200-foot Riverfront Area of Mill Brook. This project was approved by the Conservation Commission on 06/21/2018.

Notice of Intent

Notice of Intent: Spy Pond Treatment Program
MassDEP File #091-0330

8:25pm This project proposes a water quality management program for Spy Pond.

Request for Certificate of Compliance

Request for Certificate of Compliance:46 Spy Pond Parkway
MassDEP File #091-0300

9:00pm The project as approved proposed to raze and rebuild an existing single family home and add resource area improvements through a native vegetation buffer along Spy Pond and pervious paver driveway, walkways, and patio in the 100-ft wetlands buffer and AURA of Spy Pond. The project was approved on 11/20/2018.



Town of Arlington, Massachusetts

Review draft 05/20/2021 minutes

Summary:
Review draft 05/20/2021 minutes

ATTACHMENTS:

	Type	File Name	Description
🗋	Minutes	05202021_Minutes_Conservation_Commission.pdf	Draft 05/20/2021 minutes

Arlington Conservation Commission

Date: May 20, 2021
Time: 7:30pm
Location: Conducted through Remote Participation using Zoom

Minutes
Attendance: Commission Members Pam Heidell, Dave Kaplan, Nathaniel Stevens, Chuck Tirone (Vice Chair), and David White; Associate Commissioner Cathy Garnett; and Conservation Agent Emily Sullivan. Commissioner Susan Chapnick (Chair) and Associate Commissioner Doug Kilgour were absent. Commissioner Mike Gildesgame was present for a few minutes before having to leave early.

05/06/2021 Meeting Minutes
The Commission discussed edits to the draft 05/06/2021 minutes. N. Stevens motioned to approve the minutes as edited, D. White seconded, all were in favor, motion approved. A roll call vote was taken. P. Heidell voted yes, D. Kaplan voted yes, N. Stevens voted yes, C. Tirone voted yes, and D. White voted yes.

Project Updates
E. Sullivan provided project updates on the Spy Pond dredging project and 19R Park Ave (Downing Square). The Spy Pond dredging project is delayed, and MassDOT anticipates that dredging will begin next week. The Downing Square project has completed site remediation and is almost done with construction. The Commission granted an Extension Order of Conditions for the project, and the permit will expire on 12/7/2023.

C. Tirone summarized the Housing Planning effort being led by the Housing Plan Implementation Committee and Department of Planning and Community Development. N. Stevens stated that he had signed up for a focus group. E. Sullivan stated that focus groups were the first opportunity for public engagement, and that a virtual community forum was scheduled for Wednesday, 6/9/2021. D. White stated that Open Space Committee was also beginning the public engagement process for the Open Space and Recreation Plan updated, and that a virtual community workshop was scheduled for Thursday, 6/10/2021.

Thorndike Place 40B Comprehensive Permit Update
D. White recused himself from the Thorndike Place 40B discussion.

C. Tirone summarized the revised site plan for the Thorndike Place comprehensive permit application. The Applicant has reduced the large building from 172 units to 126

units for senior living and assisted living. The Applicant has also added 12 duplex style ownership units to the proposal along Dorothy Road. The Applicant had also revised the elevation of the garage and first floor of the large building so that they are proposed at Elevation 6 (previously Elevation 2.83) and Elevation 16 (previously Elevation 13) respectively. The duplexes are proposed at Elevation 12 with no underground garage.

P. Heidell stated that the Applicant has not recalculated the resource area impacts for the revised plan, and that it seemed overall the impacts have been reduced. P. Heidell elaborated that the previous iteration of the site plan proposed to have the back courtyard within the Adjacent Upland Resource Area (AURA), with a parking garage under the courtyard. The revised proposal has changed the courtyard to building. Since the courtyard/parking garage was previously proposed in the AURA, the revised plan does not intrude into the AURA more than before. P. Heidell stated that the Commission frequently approves buildings within the outer limit of the AURA (100-75 feet from the resource area), and therefore does not see an issue with the building intruding in the 100-85 foot limit of the AURA.

P. Heidell stated that the Commission could recommend to the Zoning Board of Appeals (ZBA) that the duplexes not have basements and rather have flood vents to allow for possible flow of floodwaters. P. Heidell noted that not all of the duplexes are within the floodplain, but that the same recommendations could be made for all duplexes, including no basements and adding flood vents.

N. Stevens asked whether the Applicant proposed parking under the duplexes. P. Heidell stated that no underground parking is proposed for the duplexes, and that the Applicant was proposing carports. N. Stevens ~~stated~~ thought that in the floodplain, the basement elevation needs to be the same or higher than ground elevation per recent revisions to the building code. Additionally, all utilities in the floodplain should be above the base flood elevation. N. Stevens stated that he was comfortable with the proposal to build in the outer AURA. C. Tirone and D. Kaplan also agreed that they were comfortable with the proposal to build in the outer AURA.

E. Sullivan stated that she would draft a comment letter to the ZBA and send it to P. Heidell, C. Tirone, and S. Chapnick for review.

1165R Mass Ave 40B Comprehensive Permit Update

C. Tirone summarized the 5/18/2021 ZBA hearing for the 1165R Mass Ave comprehensive permit application.

C. Garnett stated that she had asked the project's landscape architect a few questions about three of the plant species selected for the planting plan, including American Holly, Pennsylvania Sedge, and Mountain Laurel. C. Garnett stated that she has not had much luck with American Holly and Pennsylvania Sedge, and that they do not tolerate

drought conditions well. C. Tirone stated that he did not recommend Pennsylvania Sedge either.

D. Kaplan asked whether shading for the proposed buildings would be a concern for the plants. C. Garnett stated that the plants were shade tolerant.

C. Tirone state that the third-party reviewer, BETA, noted that the Applicant had not responded to all of the wetlands questions and comments submitted by the Commission and BETA. The Applicant expects to submit responses to these remaining items soon.

C. Tirone noted that the Commission has a regular special condition that it adds to its permits that prohibits pesticides and herbicides. D. Kaplan asked whether bait boxes were included in the prohibition. E. Sullivan stated that she believed the intent of the condition was to include all herbicides and pesticides not otherwise approved in a permit, including bait boxes. P. Heidell stated that the condition seems contradictory because the Commission facilitates the chemical treatment of Town waterbodies. D. Kaplan stated that Cambridge permits targeted application of herbicides, such as cut-and-dab.

C. Tirone recommended that the Commission discuss this regular special condition, and that the Commission may want to consider including appropriate language in its regulation update. C. Tirone noted that the Commission also needs to refine the definition of stream in the regulations update.

Community Preservation Act (CPA) Projects Discussion
P. Heidell stated that for the FY2022 CPA funding budget, the State was contributing 32% which is higher than expected.

P. Heidell summarized the memos she wrote in 2019 and 2020 about potential aquatic management, land management, and regional coordination projects that may be eligible for CPA funding. P. Heidell recalled that Mass Wildlife recommended that the Mystic Lakes have coordinated management between Arlington, Medford, Winchester, and the Department of Conservation and Recreation. P. Heidell stated that looking at water quality reports issued by the US EPA, the Mystic Lakes has generally good water quality, so this effort may not need to be a formal project and could be better communication between the entities.

D. White stated that the Water Bodies Fund supports annual maintenance of Spy Pond, Hill’s Pond, and the Reservoir. CPA funding could be used for special water bodies projects.

C. Tirone stated that CPA funds could be used to dredge the McClennen detention basins/Reeds Brook area. C. Tirone also suggested that CPA funds could be used to study the aesthetic and social impact of the orange floc in the McClennen detention basins. P. Heidell noted that any project at McClennen would need to be coordinated

with and supported by the Park and Recreation Commission and Department of Public Works.

N. Stevens noted that the water quality at McClennen has been tested and that the floc is only an aesthetic issue. N. Stevens suggested that S. Chapnick could summarize the testing results (and their submittal to MassDEP) to the Finance Committee if there were still concerns about it.

C. Garnett stated that CPA funds could be used for a restoration project at Meadowbrook Park. E Sullivan stated that she was working with the Director of Public Works on a FEMA Building Resilience Infrastructure and Communities (BRIC) grant application for flood mitigation along the Mt Pleasant Cemetery section of Mill Brook that would include restoration within Meadowbrook Park. This grant application is in a preliminary conceptual stage, and such a project would require a formal public engagement process to guide design. As part of a regional Municipal Vulnerability Preparedness (MVP) grant, Meadowbrook Park was recently surveyed. Meadowbrook Park has been identified as a possible site for regional flood mitigation potential.

D. White stated that CPA funds could be used to design and construct a vegetated buffer strip around McClennen.

P. Heidell stated that the Commission should focus on the properties it owns. P. Heidell noted that the CPA Committee recommended to Town Meeting that FY2022 funds be used to conduct a public lands management planning process that would assess conservation lands among other public lands. This plan would make recommendations that the Commission could pursue with CPA funding.

D. White stated that CPA funds could be used to convert the Town-owned house on Mt Gilboa into a vista park or additional conservation land. The Commission discussed the history of Mt Gilboa and how it was acquired by the Town. The Commission agreed that it needed more information about the house, and whether it had any historic designations or deeded restrictions.

D. White stated that neighbors were concerned with possible development of the parcel with the house.

P. Heidell asked whether CPA funds could be used for projects within Arlington's Great Meadows (AGM) since the land is located in Lexington, though owned by the Town of Arlington. N. Stevens ~~stated~~ wondered whether ~~that~~ AGM projects could be eligible for Lexington CPA funding.

C. Garnett asked whether there were any outstanding components of the Spy Pond project that could use CPA funding. E. Sullivan stated that the Spring Valley Road portion of the project was not constructed.

C. Garnett stated that CPA funds could be used to conduct a study for stormwater quality unit siting.

Other Updates
The Commission discussed that the Governor's State of Emergency Order would end on 6/15/2021 and how that will impact Commission proceedings. E. Sullivan explained that the Emergency Order allows public meetings to be conducted remotely or in a hybrid fashion. Without new ~~enabling~~ legislation enacted before June 15, 2021, the Commission will need to conduct in-person public meetings, without remote or hybrid options, starting 6/15/2021. N. Stevens stated that he had just finished a memorandum about this that the Massachusetts Association of Conservation Commissions would release the following day. E. Sullivan stated that the Commission should prepare to meet in person for its 6/17/2021 meeting but to stay tune for updates.

N. Stevens motioned to close the Commission meeting, D. White seconded, all were in favor, motioned approved.

Meeting adjourned at 9:30pm.



Town of Arlington, Massachusetts

Request for Extension of Order of Conditions

Summary:

Request for Extension of Order of Conditions:114-116 Milton Street
MassDEP File #091-0293

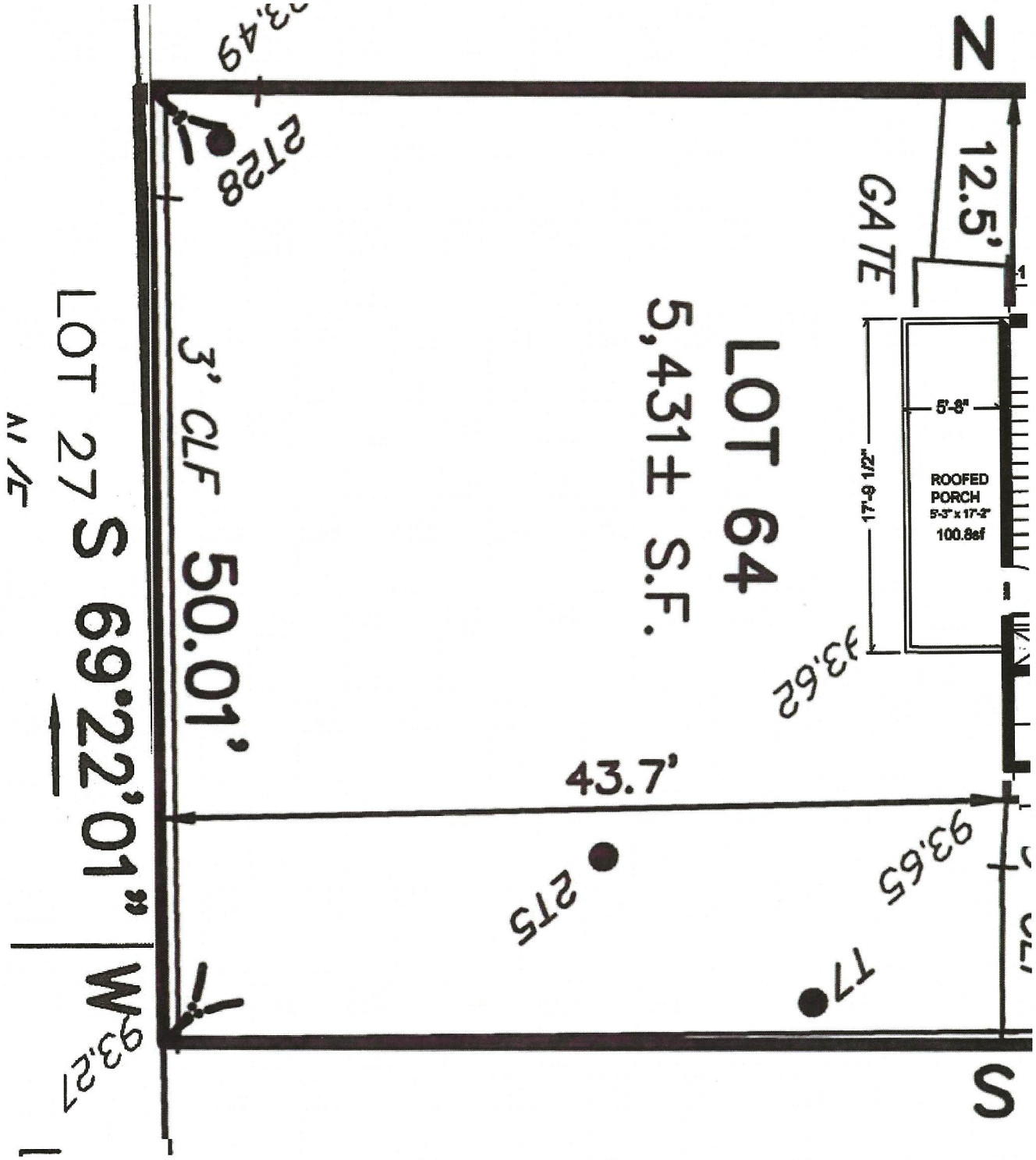
7:45pm	The project as approved proposed to construct an addition and add native landscaping to 114-116 Milton Street within Bordering Land Subject to Floodplain and Floodplain. This project was approved by the Conservation Commission on 06/21/2018.

ATTACHMENTS:

	Type	File Name	Description
🗋	Extension Permit for Order of Conditions	Site_Plan_AND_Landscaping_Plan-114_Milton.pdf	114-116 Milton St Plans
🗋	Extension Permit for Order of Conditions	Signed_OOC-114_116_Milton_St.pdf	114-116 Milton St OOC
🗋	Extension Permit for Order of Conditions	114-116_Milton_St_Revised_Compensatory_Flood_Storage.pdf	114-116 Milton St Revised Compensatory Flood Storage Plan
🗋	Extension Permit for Order of Conditions	114-116_Milton_St_Extension_Request_Letter.pdf	114-116 Milton St Request for Extension

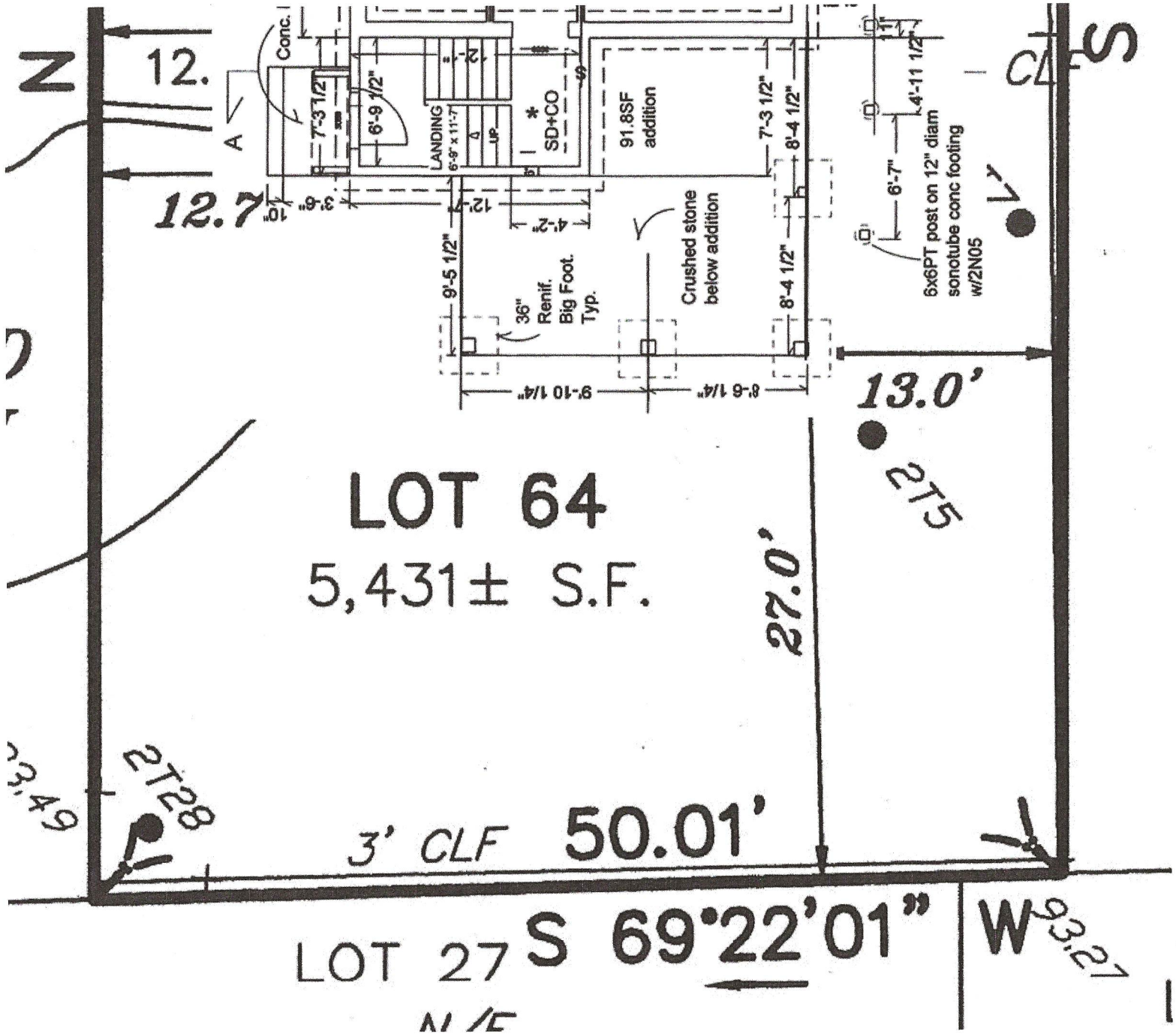
Existing

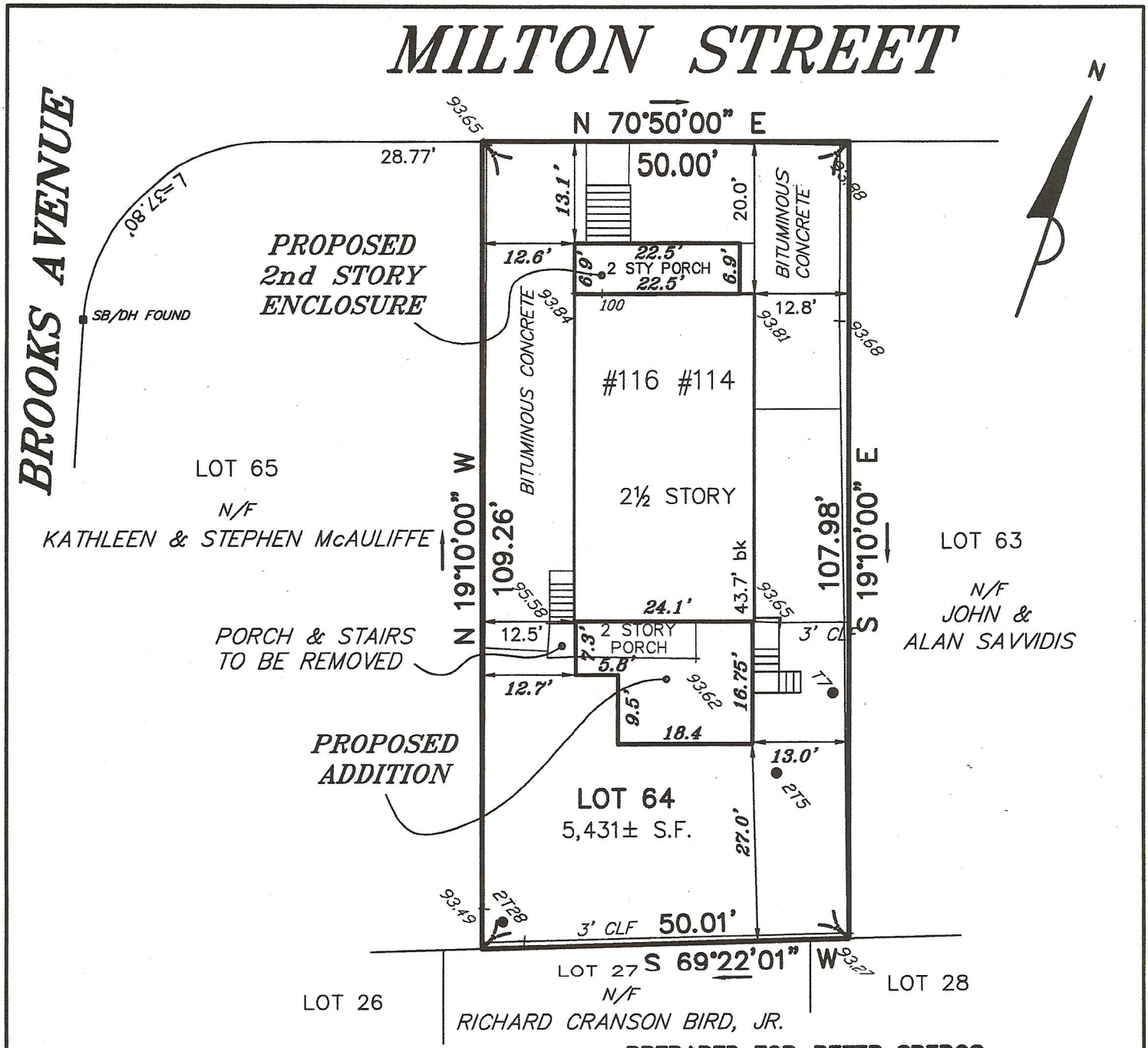
Backyard , 114/116 Milton Street, Arlington



Proposed Plan

Backyard , 114/116 Milton Street, Arlington





PREPARED FOR: PETER SPEROS

I HEREBY CERTIFY THAT THE BUILDING IS LOCATED AS SHOWN.

COMMONWEALTH OF MASSACHUSETTS
CLIFFORD E. ROBER
NO. 33189
PROFESSIONAL LAND SURVEYOR

5/2/18

CLIFFORD E. ROBER, PLS **DATE**

THIS PLAN MAY HAVE BEEN ALTERED IF THE SIGNATURE IS NOT SIGNED IN BLUE.

PROPOSED PLOT PLAN
#114–116 MILTON STREET
IN
ARLINGTON, MA
(MIDDLESEX COUNTY)

SCALE: 1"= 20' **DATE: 2/28/2018**

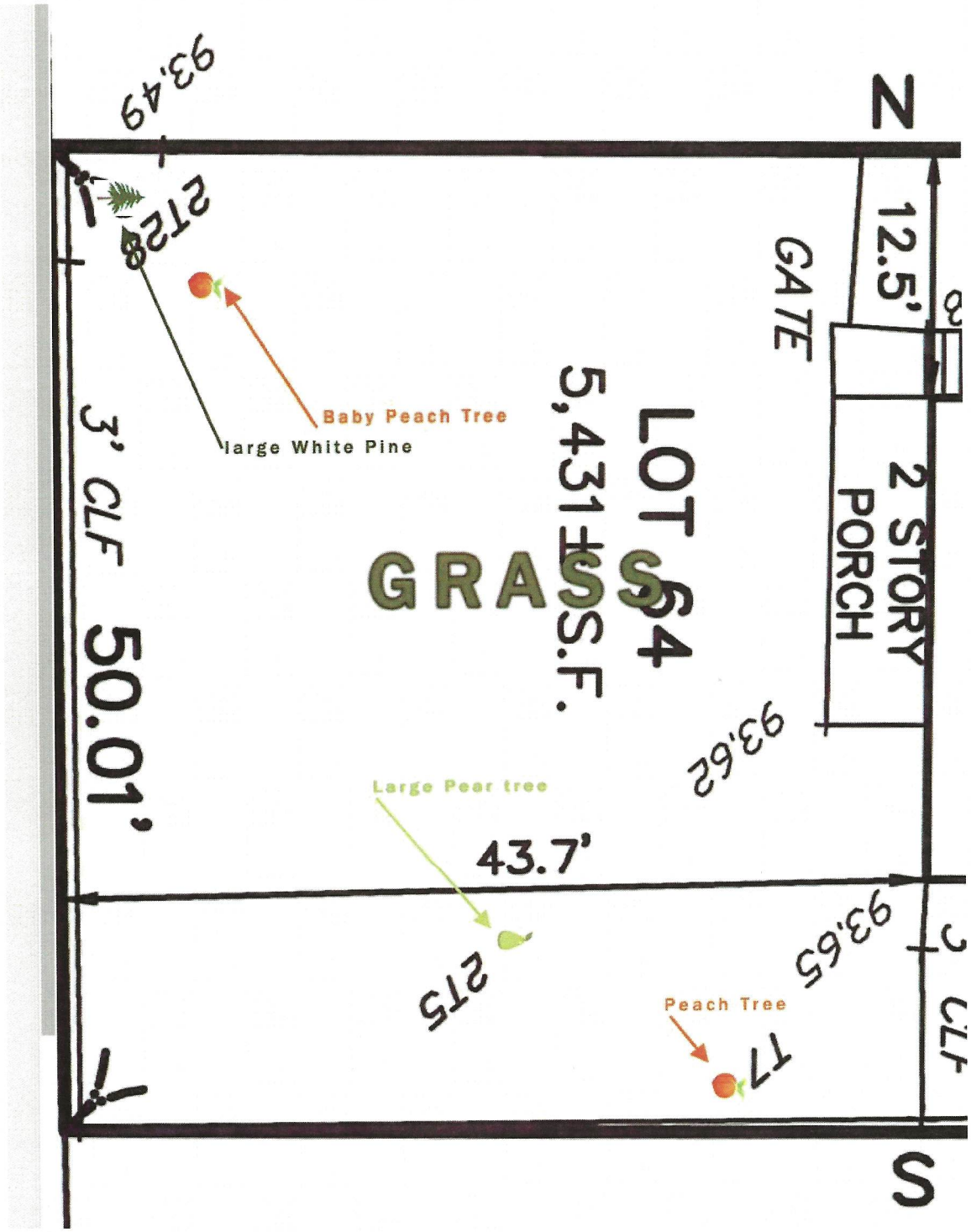
0 20 40 60 ft

ROBER SURVEY
1072A MASSACHUSETTS AVENUE
ARLINGTON, MA 02476
(781) 648–5533

5445PP1.DWG

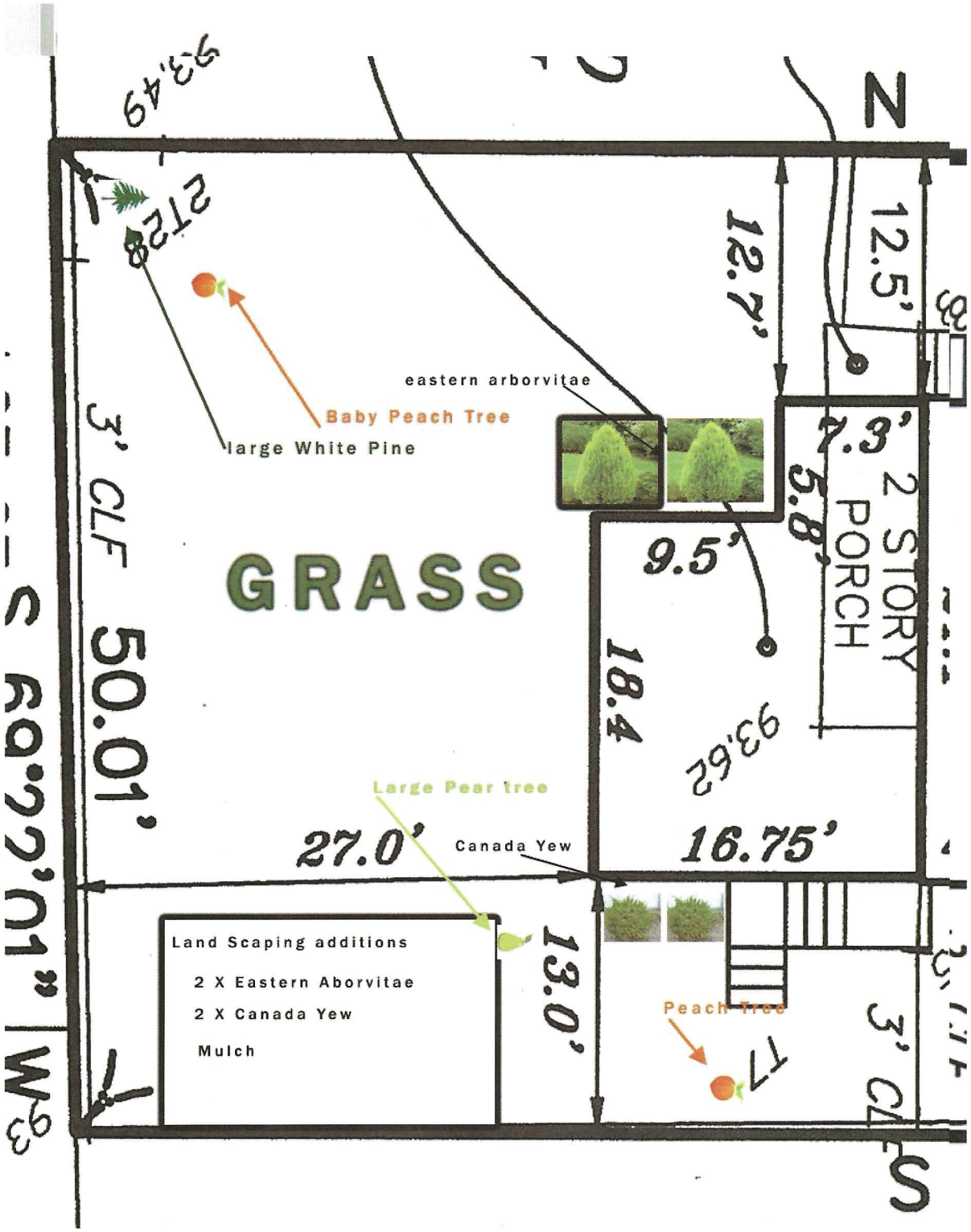
Existing Landscape

Backyard , 114/116 Milton Street, Arlington



Proposed Landscaping

Backyard , 114/116 Milton Street, Arlington



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
91-0293
MassDEP File #

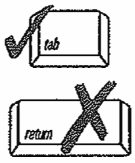
eDEP Transaction #

Arlington
City/Town

A. General Information

Please note: this form has been modified with added space to accommodate the Registry of Deeds Requirements

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. From: Arlington
Conservation Commission

2. This issuance is for (check one): a. ☒ Order of Conditions b. ☐ Amended Order of Conditions

3. To: Applicant:

Peter
a. First Name

Speros
b. Last Name

c. Organization

114-116 Milton St
d. Mailing Address

Arlington
e. City/Town

MA
f. State

02474
g. Zip Code

4. Property Owner (if different from applicant):

Elaine
a. First Name

Speros
b. Last Name

Co-Owner
c. Organization

53 Oakley Rd
d. Mailing Address

Belmont
e. City/Town

MA
f. State

02478
g. Zip Code

5. Project Location:

114-116 Milton St
a. Street Address

Arlington
b. City/Town

4
c. Assessors Map/Plat Number

4-4-2
d. Parcel/Lot Number

Latitude and Longitude, if known: 42d40m153s
d. Latitude

71d14m447s
e. Longitude

A. General Information (cont.)

6. Property recorded at the Registry of Deeds for (attach additional information if more than one parcel):

Middlesex
a. County

b. Certificate Number (if registered land)

25236
c. Book

1
d. Page

7. Dates: 5/3/2018 a. Date Notice of Intent Filed; 6/7/2018 b. Date Public Hearing Closed; 6/21/2018 c. Date of Issuance

8. Final Approved Plans and Other Documents (attach additional plan or document references as needed):

Proposed Plot Plan
a. Plan Title

Rober Survey
b. Prepared By

Clifford E. Rober
c. Signed and Stamped by

2/28/18
d. Final Revision Date

1'=20'
e. Scale

Site Layout, prepared by Nordesign & Build LLC
f. Additional Plan or Document Title

6/6/2018
g. Date

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act:

Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act (the Act). Check all that apply:

a. ☐ Public Water Supply
b. ☐ Land Containing Shellfish
c. ☒ Prevention of Pollution
d. ☐ Private Water Supply
e. ☐ Fisheries
f. ☒ Protection of Wildlife Habitat
g. ☒ Groundwater Supply
h. ☒ Storm Damage Prevention
i. ☒ Flood Control

2. This Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

a. ☒ the following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.

B. Findings (cont.)

Denied because:

b. ☐ the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**

c. ☐ the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**

3. ☐ Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a) _____ a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. ☐ Bank	a. linear feet	b. linear feet	c. linear feet	d. linear feet
5. ☐ Bordering Vegetated Wetland	a. square feet	b. square feet	c. square feet	d. square feet
6. ☐ Land Under Waterbodies and Waterways	a. square feet	b. square feet	c. square feet	d. square feet
	e. c/y dredged	f. c/y dredged		
7. ☒ Bordering Land Subject to Flooding	30 a. square feet	30 b. square feet	c. square feet	d. square feet
Cubic Feet Flood Storage	123.5 e. cubic feet	247 f. cubic feet	382 g. cubic feet	382 h. cubic feet
8. ☐ Isolated Land Subject to Flooding	a. square feet	b. square feet		
Cubic Feet Flood Storage	c. cubic feet	d. cubic feet	e. cubic feet	f. cubic feet
9. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet

B. Findings (cont.)

Coastal Resource Area Impacts: Check all that apply below. (For Approvals Only)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. ☐ Land Under the Ocean	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
12. ☐ Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. ☐ Coastal Beaches	a. square feet	b. square feet	c. nourishment cu yd	d. nourishment cu yd
14. ☐ Coastal Dunes	a. square feet	b. square feet	c. nourishment cu yd	d. nourishment cu yd
15. ☐ Coastal Banks	a. linear feet	b. linear feet		
16. ☐ Rocky Intertidal Shores	a. square feet	b. square feet		
17. ☐ Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
18. ☐ Land Under Salt Ponds	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
19. ☐ Land Containing Shellfish	a. square feet	b. square feet	c. square feet	d. square feet
20. ☐ Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	a. c/y dredged	b. c/y dredged		
21. ☐ Land Subject to Coastal Storm Flowage	a. square feet	b. square feet		
22. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet

B. Findings (cont.)

* #23. If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c (BVW) or B.17.c (Salt Marsh) above, please enter the additional amount here.

23. ☐ Restoration/Enhancement *:

a. square feet of BVW | b. square feet of salt marsh

24. ☐ Stream Crossing(s):

a. number of new stream crossings | b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
   a. The work is a maintenance dredging project as provided for in the Act; or
   b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
   c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on 6/21/2021 unless extended in writing by the Department.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.

C. General Conditions Under Massachusetts Wetlands Protection Act

8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.

9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.

10. A sign shall be displayed at the site not less then two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MassDEP"]

"File Number 91-0293 "

11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.

12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.

13. The work shall conform to the plans and special conditions referenced in this order.

14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.

15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.

18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.

19. The work associated with this Order (the "Project")
    (1) ☐ is subject to the Massachusetts Stormwater Standards
    (2) ☒ is NOT subject to the Massachusetts Stormwater Standards

    If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

    a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.

    b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:
    i. all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;
    ii. as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;
    iii. any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement) for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:

i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and

ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.

d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.

e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 18(f) through 18(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 18(f) through 18(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.

f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

g) The responsible party shall:
1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.

h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.

i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.

j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.

k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.

l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):

See Attached Findings and Conditions

20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.

D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? ☒ Yes ☐ No

2. The Arlington Conservation Commission hereby finds (check one that applies):

   a. ☐ that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw, specifically:

   _____ (1. Municipal Ordinance or Bylaw) _____ (2. Citation)

   Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

   b. ☒ that the following additional conditions are necessary to comply with a municipal ordinance or bylaw:

   Arlington Bylaw for Wetlands Protection (1. Municipal Ordinance or Bylaw) Title V, Art 8 (2. Citation)

3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.

   The special conditions relating to municipal ordinance or bylaw are as follows (if you need more space for additional conditions, attach a text document):

   See attached Findings and Conditions

E. Signatures

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

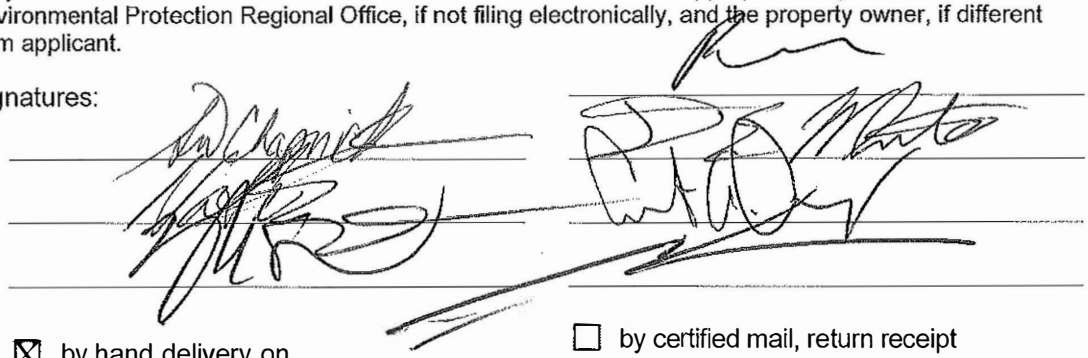
6/21/2018
1. Date of Issuance

Please indicate the number of members who will sign this form.
This Order must be signed by a majority of the Conservation Commission.

5
2. Number of Signers

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office, if not filing electronically, and the property owner, if different from applicant.

Signatures:



☒ by hand delivery on

6/22/2018
Date

☐ by certified mail, return receipt requested, on

Date

F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.

DOCUMENTS REVIEWED

1. Notice of Intent for work at 114-116 Milton St, Arlington, MA, prepared by the Applicant: Peter Speros, dated May 3, 2018.

2. Description of work and Site Photos accompanying Notice of Intent.

3. Proposed Plot Plan, accompanying Notice of Intent, prepared by Rober Survey on February 28, 2018, and stamped by Clifford E. Rober, PLS, on May 2, 2018.

4. Development Plan with Notes from Nordesign & Build LLC, dated June 1, 2018.

5. Proposed and Existing Plans, undated.

6. Proposed and Existing Landscaping Plans, backyard, undated.

7. Letter from Norman Kherlop, dated June 6, 2018.

8. eDEP Submittal Confirmation email, Transaction ID:1005631, dated May 2, 2018.

9. Topographic Map obtained at https://viewer.nationalmap.gov , undated.

10. Flood Insurance Rate Map, Panel 419 of 656, Map Number 25017C0419E, Effective Date June 4, 2010.

11. National Heritage Priority Habitats of Rare Species Map, printed on April 23, 2018.

PROCEDURAL SUMMARY

The Conservation Commission held a public hearing on the Notice of Intent on May 17, 2018. The Commission closed the hearing on June 7, 2018, deliberated and voted 5-0 with 2 members abstaining to approve the Project with conditions under the Wetlands Protection Act (the "Act") and voted 5-0 with 2 members abstaining to approve the Project with conditions under the Arlington Wetlands Protection Bylaw (the "Bylaw").

FINDINGS OF FACT AND LAW UNDER ARLINGTON WETLANDS PROTECTION BYLAW AND WETLANDS PROTECTION ACT

A. The Project as approved involves the replacement of a rear two-story roofed porch and associated outside stairs with a two-story addition and outside stairs within the Bordering Land Subject to Flooding (the FEMA 1% change floodplain), with associated site improvements, including: landscaping of a combination of 9 trees and shrubs; and a storage tank with a capacity of 382 cubic feet. The existing structure has an impervious footprint area of 100.8

square feet (32'x44'). Alteration of the existing footprint allows for construction of a new addition and associated stairs of 130.8 square feet, located in the rear of the building. The project will increase impervious surface from existing conditions by 30 square feet. The project will also include construction of 224.74 square feet of permeable surface underneath the addition, consisting of crushed stone over dirt.

B. The following Resource Areas are present on the site: Bordering Land Subject to Flooding (BLSF: the 100-year (1 % chance) floodplain). The Commission finds accurate the delineation of Resource Areas shown on the approved Project Plan.

C. Because compensatory flood storage accounts for flood storage lost by more than 2:1, the Commission finds the project meets the performance standards for work in Bordering Land Subject to Flooding.

D. The landscaping plan meets the requirements of Section 25 of the Commission's regulations for Vegetation Replacement. No existing trees or shrubs will be removed or relocated. A minimum of 9 shrubs and trees, type specified in the landscaping plan, will be added to the site.

E. The Resource Areas on and adjacent to the Property are significant to the Resource Area values protected by the Act and by the Bylaw, as specified in the Bylaw Regulations and 310 CMR 10.00 for each Resource Area.

F. Based on the testimony at the public hearing, and review of the application materials and the documents listed above submitted during the public hearing, the Commission concludes that the proposed Project will not alter Resource Areas under the Act and Bylaw, the work as conditioned will not have significant or cumulative effects upon the interests of the Wetlands Protection Act or the Resource Area values of the Arlington Wetlands Bylaw when the conditions imposed are implemented to protect the Resource Area values. With the conditions contained herein, the Project meets the performance standards in the Bylaw Regulations and state Wetlands Regulations, 310 CMR 10.00.

Additional Special Conditions

In addition to the General Conditions (numbered 1 – 20 above), the Project is subject to the following Additional Special Conditions (under both the Act and Bylaw):

21. Work permitted by this Order and Permit shall conform to the Notice of Intent, the approved plans and documents (listed above), and oral representations (as recorded in hearing minutes) submitted or made by the Applicant and the Applicant's agents or representatives, as well as any plans and other data, information or representations submitted per these Conditions and approved by the Commission.

22. The provisions of this Order and Permit shall apply to and be binding upon the Applicant and Applicant's assignees, tenants, property management company, employees, contractors, and agents.

23. No work shall be started under this Order until: (a) all other required permits or approvals have been obtained and (b) the appeal period of ten (10) business days from the date of issue of this Order has expired without any appeal being filed and (c) this Order has been recorded in the Registry of Deeds. No work shall be started under this Permit until all other necessary permits or approvals have been obtained.

24. The Applicant shall ensure that a copy of this Order of Conditions and Permit for work, with any referenced plans, is available on site at all times, and that contractors, site managers, foremen, and sub-contractors understand its provisions.

25. Prior to starting work, the Applicant shall submit to the Conservation Agent the names and 24-hour phone numbers of project managers or the persons responsible for site work or mitigation.

26. Before work begins, erosion and sediment controls shall be installed at the limits of the work area. These will include a silt fence and 12 inch straw or silt wattle around the entire work area (haybales are not allowed and silt socks are preferred).

27. The contractor shall contact the Conservation Agent (lshepherd@town.arlington.ma.us; 781-316-3012) to arrange for a pre-construction meeting with the on-site project manager to walk through the Order of Conditions, confirm the wash out location, and walk the site to confirm the installation and placement of erosion controls prior to the start of any grading or construction work.

28. The contractor shall provide written Notice of the work start date to the Conservation Agent 48 hours prior to start of work.

29. All dumpsters must be covered at the end of each work day.

30. Areas that are disturbed by construction and access activities shall as soon as possible be brought to final grade and reseeded and restabilized, and shall be done so prior to the removal of the erosion control barrier.

31. In no case may waste water be discharged into or onto Resource Areas on or adjacent to the site. In no case may waste water be placed in stormdrains. Any spillage of materials shall be cleaned up promptly.

32. Any dirt or debris spilled or tracked onto any paved streets shall be swept up and removed daily.

33. No refueling or maintenance of machinery shall be allowed within any Resource Area.

34. The Commission, its employees and its agents shall have the right of entry onto the site to inspect for compliance with the terms of this Order of Conditions and Permit until a Certificate of Compliance has been issued.

35. When requesting a Certificate of Compliance for this Order of Conditions, the Applicant must submit a written statement from a Massachusetts professional engineer, registered land

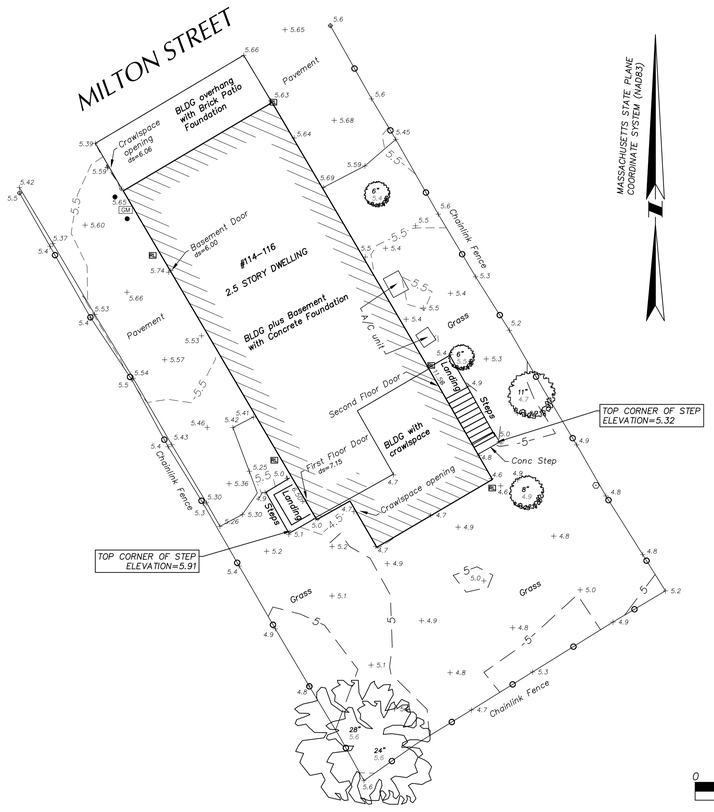
surveyor, or registered landscape architect certifying that the completed work complies with the plans referenced in this Order, or provide an as-built plan and statement describing any differences.

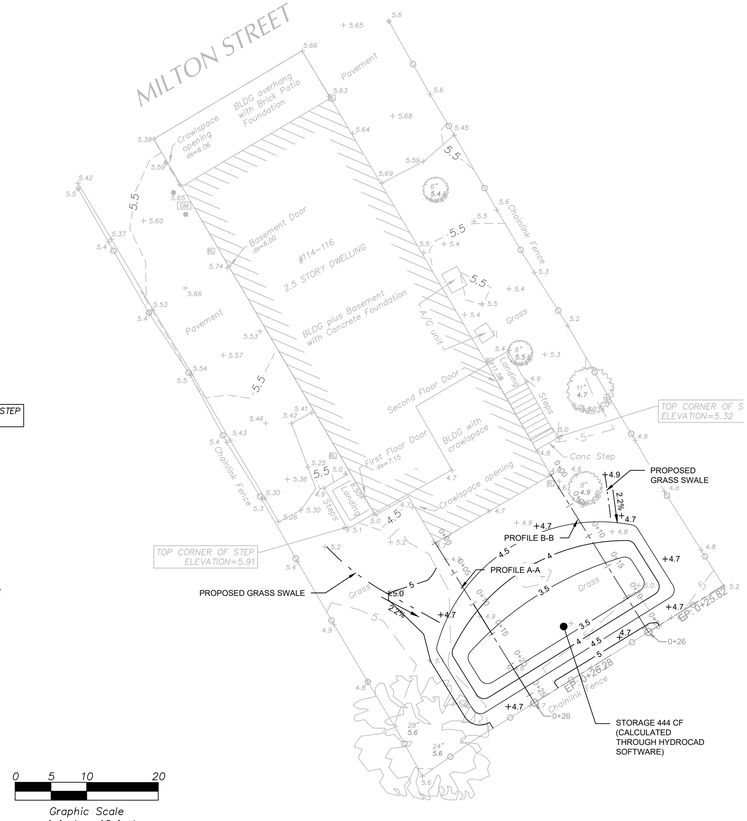
36. The Applicant shall implement tree protection measures for any trees located on the site as specified in the Commission's Bylaw Regulations.

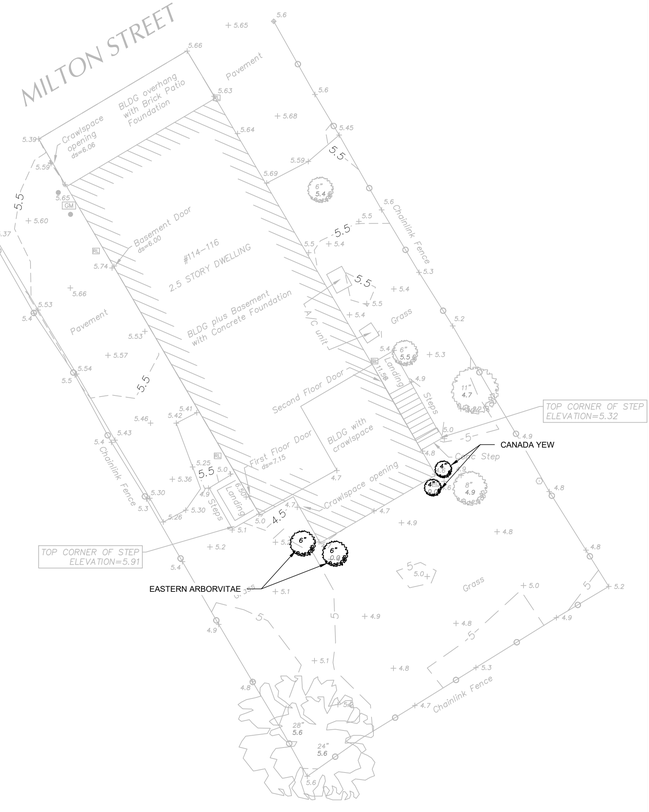
37. Pervious surfaces shown on the project plans shall be maintained and not be replaced by impervious surfaces. **This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.**

38. The landscaping and vegetative areas shown on the Landscaping Plan shall be installed and maintained according to the standards of the American Association of Nurserymen (AAN). **This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.**

39. The underground storage tank shall comply with the specifications outlined in the letter from Norman Kherlop, dated June 6, 2018, with a storage capacity of at least 382 cubic feet, and shall be maintained in perpetuity. **This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.**







0 5 10 20

Graphic Scale
1 inch = 10 feet

1 EXISTING CONDITIONS PLAN

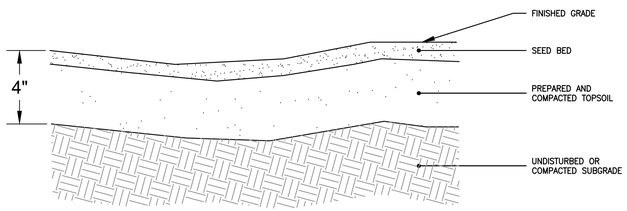
Scale: 1"=10'

2 PROPOSED GRADING PLAN

Scale: 1"=10'

3 PROPOSED LANDSCAPING PLAN

Scale: 1"=10'



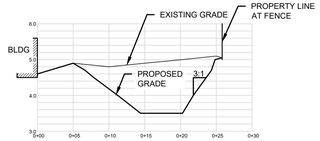
4 LOAM AND SEED

NTS



5 PROFILE A-A

HORIZONTAL SCALE: 1" = 10' VERTICAL SCALE: 1" = 2'



6 PROFILE B-B

HORIZONTAL SCALE: 1" = 10' VERTICAL SCALE: 1" = 2'

NOTES:

1. THE EXISTING CONDITIONS PLAN IS REFERENCED HORIZONTALLY TO THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983 AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 BY RTK GPS OBSERVATIONS TAKEN ON DECEMBER 09, 2020.
2. THE EXISTING CONDITIONS PLAN IS THE RESULT ON AN INSTRUMENT SURVEY PERFORMED ON DECEMBER 09, 2020.
3. THE LOCATION OF UNDERGROUND UTILITIES WAS NOT INCLUDED WITHIN THE SCOPE OF THIS SURVEY AS THERE ARE NO UTILITIES IN THE SOUTHERN (REAR) PORTION OF THE PROPERTY.
4. THE SUBJECT LAND AS SHOWN LIES WITHIN ZONE AE, AREAS OF 1% ANNUAL CHANCE OF FLOODING, AS INDICATED ON PANEL 419 FOR THE TOWN OF ARLINGTON, MA COMMUNITY NO. 250177, HAVING AN EFFECTIVE DATE OF JUNE 04, 2010.
5. THIS SITE IS CURRENTLY UNDER THE ARLINGTON CONSERVATION COMMISSION ORDER OF CONDITIONS FILE 091-0293. THE ORDER OF CONDITIONS PROVIDES FOR A STORAGE VOLUME OF A MINIMUM OF 382 CUBIC FEET OF STORAGE AND ILLUSTRATED ON THE PLAN ENTITLED "THE DEVELOPMENT PLAN AND NOTES" BY NORDESIGN & BUILDING LLC, DATED JUNE 1, 2018.
6. IT IS THE INTENT OF THIS PLAN TO REPLACE "THE DEVELOPMENT PLAN AND NOTES" BY NORDESIGN & BUILDING LLC, DATED JUNE 1, 2018.
7. THIS REPLACEMENT PLAN PROVIDES 444 CUBIC FEET OF FLOOD STORAGE CALCULATED AS FOLLOWS:
   - 7.a. VOLUMETRIC CALCULATIONS WERE PERFORMED UTILIZING HYDROCAD TO CALCULATE CUMULATIVE STORAGE VIA PRISMATIC CUSTOM STAGE ANALYSIS.
   - 7.b. THE TABLE BELOW ILLUSTRATES THE SURFACE AREAS OF EACH PROPOSED CONTOUR.
   - 7.c. THE TOTAL PROPOSED VOLUME CALCULATED ONSITE IS 444 CUBIC FEET OF STORAGE.

Volume	Invert	Avail.Storage	Storage Description
#1	3.50'	444 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
3.50	169	62.4	0	0	169
4.00	330	76.2	123	123	325
4.50	514	90.2	209	332	515
4.70	607	96.5	112	444	611

samiotes

Samiotes Consultants Inc.
Civil Engineers + Land Surveyors

20 A Street
Framingham, MA 01701

T 508.877.6688
F 508.877.8349

www.samiotes.com

SPEROS RESIDENCE
114 MILTON STREET
ARLINGTON, MA 02474

SEAL

COMMONWEALTH OF MASSACHUSETTS
CHARLES GEORGE SAMIOTES
No. 31865
CIVIL
REGISTERED PROFESSIONAL ENGINEER

REVISION

REVISED CONSERVATION COMMISSION PLAN

MASS DEP FILE NUMBER 091-0293

JOB # 50074.00	C-1.0
DATE: 12.22.2020	
SCALE: 1"=10'	
DRAWN BY: MJW	
APPROVED BY: CGS	
FILE: 50074.00 DD.DWG	

P:\PROJECTS\2020\50074.00 114 MILTON STREET - ARLINGTON\ MAD\WG\50074.00 DD.DWG

10 May 2021

Arlington Conservation Commission
730 Massachusetts Avenue Annex
Arlington, MA 02476

Re: 114 Milton Street -
MassDEP File # 091-0293

Dear Arlington Conservation Commission:

Pursuant to the Order of Conditions for 114 Milton Street, Arlington, MA (MassDEP File # 091-0293), this is a request for a **One-Year Extension** to the current Order of Conditions that expires next month on June 21, 2021. With this Request, we have included:

1. WPA Form 7 – Extension Permit for Orders of Condition (included and E-mailed version of the Word File.
2. A check Payable to the Conservation Commission in the amount of $100.

The reason for the One-Year Extension are challenges in this volatile market. Mr. Speros (with my contacts also) is actively seeking proposals for the work. At this point, their desire is to finish grading and groundcover stabilization as soon as possible. We will keep you informed of our progress.

If you have any questions, or require further information, please do not hesitate to call me on my cell at 508.246.8877.

Respectfully submitted,

Charles G. Samiotes, PE
Principal

Samiotes Consultants, Inc.
Civil Engineers + Land Surveyors

20 A Street
Framingham, MA 01701-4102

T 508.877.6688
F 508.877.8349

Town of Arlington, Massachusetts

Request for Extension of Order of Conditions

Summary:

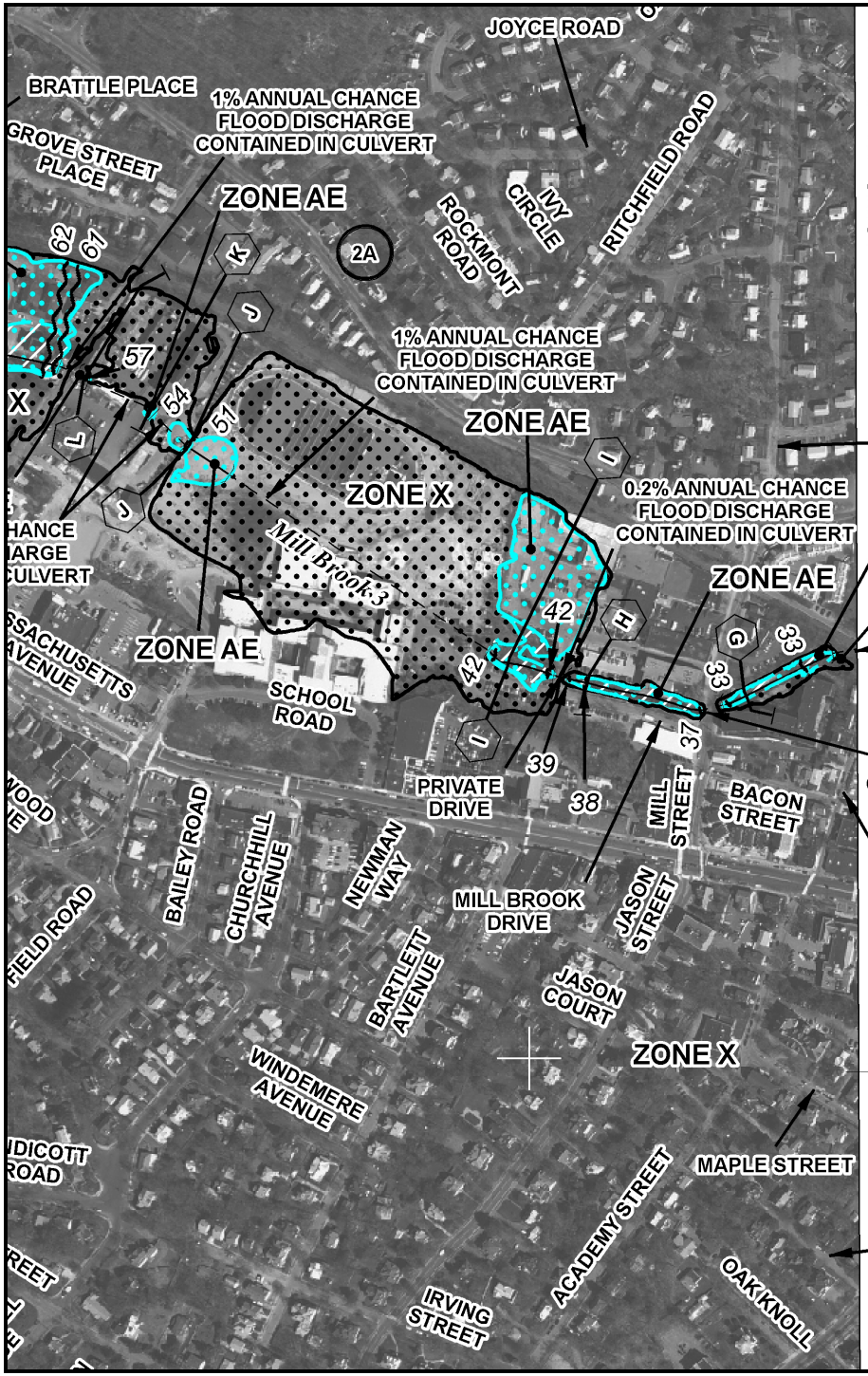
Request for Extension of Order of Conditions:10-16 Mill Street
MassDEP File #091-0294

7:55pm The project as approved proposed to redevelop and add an addition to 10, 12, 14-16 Mill Street within the 200-foot Riverfront Area of Mill Brook. This project was approved by the Conservation Commission on 06/21/2018.

ATTACHMENTS:

	Type	File Name	Description
🗋	Extension Permit for Order of Conditions	NOI.pdf	10-16 Mill Street NOI
🗋	Extension Permit for Order of Conditions	REVISED-Site_Plan.pdf	10-16 Mill Street Site Plans
🗋	Extension Permit for Order of Conditions	REVISED-Supporting_Materials.pdf	10-16 Mill Street NOI Supplemental Material
🗋	Extension Permit for Order of Conditions	Signed-OOC-Highrock_Church.pdf	10-16 Mill Street OOC
🗋	Extension Permit for Order of Conditions	10-16_Mill_St_Renderings.pdf	10-16 Mill Street Renderings
🗋	Extension Permit for Order of Conditions	10-_16_Mill_St_Request_for_Extension.pdf	10-16 Mill Street Request for Extension


LOCUS
Upper Mystic Lake
Lower Mystic Lake
Spy Pond
Little Pond
Arlington
East Arlington
Belmont
Arlington Heights
West Medford
Winchester Country Club
Mt Pleasant Cem
OAK GROVE CEMETERY
Playground
Shopping Center
Substa
Hosp
Library
Water Tank
Mt Pisgah
Whipple Hill
Andrews Hill
Turkey Hill
Mt Gilboa
Claypit Pond
Blair Pond
Alewife Brook
Mystic River



JOINS PANEL 0417

CUTTER HILL ROAD

ZONE AE

ZONE X
0.2% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT

0.2% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT

CENTRAL STREET

PELHAM TERRACE

$47^{\circ}03^{000m}N$

MAP SCALE 1" = 500'

250 0 500 1000

FEET

METER

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0416E

FIRM

FLOOD INSURANCE RATE MAP

MIDDLESEX COUNTY, MASSACHUSETTS
(ALL JURISDICTIONS)

PANEL 416 OF 656
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ARLINGTON, TOWN OF	250177	0416	E
BELMONT, TOWN OF	250182	0416	E
LEXINGTON, TOWN OF	250198	0416	E
WINCHESTER, TOWN OF	250228	0416	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
25017C0416E

EFFECTIVE DATE
JUNE 4, 2010

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

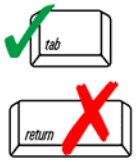
Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Arlington
City/Town

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

10, 12, and 14-16 Mill Street & 0 Mill Brook Dr — a. Street Address
Arlington — b. City/Town
02476 — c. Zip Code

Latitude and Longitude:
42.417327 — d. Latitude
-71.158173 — e. Longitude

52 — f. Assessors Map/Plat Number
Block 1 Lots 18,12,19,20.D — g. Parcel /Lot Number

2. Applicant:

Drew — a. First Name
Hunter — b. Last Name
Highrock Church Inc. — c. Organization
735 Massachusetts Avenue — d. Street Address
Arlington — e. City/Town
MA — f. State
02476 — g. Zip Code
781-652-9859 — h. Phone Number
i. Fax Number
drew@highrock.org — j. Email Address

3. Property owner (required if different from applicant): ☐ Check if more than one owner

a. First Name
b. Last Name
c. Organization
d. Street Address
e. City/Town
f. State
g. Zip Code
h. Phone Number
i. Fax Number
j. Email address

4. Representative (if any):

Katie — a. First Name
Enright — b. Last Name
Howard Stein Hudson — c. Company
114 Turnpike Road, Suite 2C — d. Street Address
Chelmsford — e. City/Town
MA — f. State
01824 — g. Zip Code
617-348-3308 — h. Phone Number
i. Fax Number
kenright@hshassoc.com — j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

$3,150 — a. Total Fee Paid
$1,562.50 — b. State Fee Paid
$1,587.50 — c. City/Town Fee Paid

A. General Information (continued)

6. General Project Description:

Redevelopment of existing mill buildings and a proposed structure to be added between the buildings with associated drainage improvements within the buffer zone of Mill Brook

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

1. ☐ Single Family Home
2. ☐ Residential Subdivision
3. ☒ Commercial/Industrial
4. ☐ Dock/Pier
5. ☐ Utilities
6. ☐ Coastal engineering Structure
7. ☐ Agriculture (e.g., cranberries, forestry)
8. ☐ Transportation
9. ☐ Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☒ No

If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

a. County	b. Certificate # (if registered land)
Middlesex South	
c. Book	**d. Page Number**
10-12 Mill:63168, 14-16 Mill:62546	10-12 Mill:556, 14-16 Mill:250

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☒ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Bank	1. linear feet	2. linear feet
b. ☐ Bordering Vegetated Wetland	1. square feet	2. square feet
c. ☐ Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. ☐ Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. ☐ Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced

f. ☒ Riverfront Area

Mill Brook
1. Name of Waterway (if available) - **specify coastal or inland**

2. Width of Riverfront Area (check one):

☐ 25 ft. - Designated Densely Developed Areas only

☐ 100 ft. - New agricultural projects only

☒ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: 26,920± sf (square feet)

4. Proposed alteration of the Riverfront Area:

a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.
6,030± sf	179± sf	5,851± sf

5. Has an alternatives analysis been done and is it attached to this NOI? ☒ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☒ Yes ☐ No

3. ☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f**. above.

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. ☐ Land Under the Ocean	1. square feet 2. cubic yards dredged	
c. ☐ Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. ☐ Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. ☐ Coastal Dunes	1. square feet	2. cubic yards dune nourishment

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
f. ☐ Coastal Banks	1. linear feet	
g. ☐ Rocky Intertidal Shores	1. square feet	
h. ☐ Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. ☐ Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. ☐ Land Containing Shellfish	1. square feet	
k. ☐ Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 1. cubic yards dredged	
l. ☐ Land Subject to Coastal Storm Flowage	1. square feet	

4. ☐ Restoration/Enhancement
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

a. square feet of BVW _____ b. square feet of Salt Marsh _____

5. ☐ Project Involves Stream Crossings

a. number of new stream crossings _____ b. number of replacement stream crossings _____

C. Other Applicable Standards and Requirements

☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Notice of Intent – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

   a. ☐ Yes ☒ No

   If yes, include proof of mailing or hand delivery of NOI to:

   Natural Heritage and Endangered Species Program
   Division of Fisheries and Wildlife
   1 Rabbit Hill Road
   Westborough, MA 01581

   04/2018
   b. Date of map

   If *yes*, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.1.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

   c. Submit Supplemental Information for Endangered Species Review*

      1. ☐ Percentage/acreage of property to be altered:

         (a) within wetland Resource Area _____ percentage/acreage

         (b) outside Resource Area _____ percentage/acreage

      2. ☐ Assessor's Map or right-of-way plan of site

2. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

   (a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

   (b) ☐ Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.

C. Other Applicable Standards and Requirements (cont'd)

(c) ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and ***mail to NHESP*** at above address

*Projects altering **10 or more acres** of land, also submit:*

(d) ☐ Vegetation cover type map of site

(e) ☐ Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing. a. NHESP Tracking # b. Date submitted to NHESP

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. ☒ Not applicable – project is in inland resource area only b. ☐ Yes ☐ No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

C. Other Applicable Standards and Requirements (cont'd)

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

   a. ☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

   MA GIS
   b. ACEC

5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

   a. ☐ Yes ☒ No

6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

   a. ☐ Yes ☒ No

7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

   a. ☒ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
      1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
      2. ☒ A portion of the site constitutes redevelopment
      3. ☐ Proprietary BMPs are included in the Stormwater Management System.

   b. ☐ No. Check why the project is exempt:
      1. ☐ Single-family house
      2. ☐ Emergency road repair
      3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☒ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)

2. ☒ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.

D. Additional Information (cont'd)

3. ☒ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

Site Plan for Proposed Relocation of Highrock Covenant Church
a. Plan Title

Howard Stein Hudson
b. Prepared By

Katie Enright, P.E.
c. Signed and Stamped by

April 20, 2018
d. Final Revision Date

1"=20'
e. Scale

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. ☒ Attach NOI Wetland Fee Transmittal Form

9. ☒ Attach Stormwater Report, if needed.

E. Fees

1. ☐ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant	2. Date: 5/1/2018
3. Signature of Property Owner (if different)	4. Date
5. Signature of Representative (if any)	6. Date

For Conservation Commission:
Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:
One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

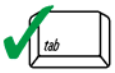
The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

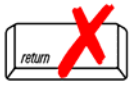
Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





A. Applicant Information

1. Location of Project:

14 Mill Street	Arlington
a. Street Address	b. City/Town
c. Check number	d. Fee amount

2. Applicant Mailing Address:

Drew	Hunter	
a. First Name	b. Last Name	
Highrock Covenant Church		
c. Organization		
735 Massachusetts Avenue		
d. Mailing Address		
Arlington	MA	02476
e. City/Town	f. State	g. Zip Code
781-652-9859		drew@highrock.org
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

a. First Name	b. Last Name	
c. Organization		
d. Mailing Address		
e. City/Town	f. State	g. Zip Code
h. Phone Number	i. Fax Number	j. Email Address

B. Fees

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

Fee should be calculated using the following process & worksheet. ***Please see Instructions before filling out worksheet.***

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract $12.50. To calculate the city/town share of the fee, divide the total fee in half and add $12.50.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Cat 3b: Each Building including site	2	$2,100	$2,100
Riverfront x 1.5		$3,150	$3,150

Step 5/Total Project Fee:

Step 6/Fee Payments:

Total Project Fee:	$3,150 (a. Total Fee from Step 5)
State share of filing Fee:	$1562.50 (b. 1/2 Total Fee **less $**12.50)
City/Town share of filling Fee:	$1587.50 (c. 1/2 Total Fee **plus** $12.50)

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Riverfront Area Narrative

Per 310 CMR 10.58 Riverfront areas are likely to be significant to protect the private or public water supply; to protect groundwater; to provide flood control; to prevent storm damage; to prevent pollution; to protect land containing shellfish; to protect wildlife habitat; and to protect the fisheries.

A portion of the proposed project is located within the 100' inner riparian and 200' outer riparian buffer zones of Mill Brook.

The proposed project intends to repurpose time-worn mill buildings into a new modernized church. Between the existing mill buildings, an addition will serve as the main entrance to the church, in place of the impervious asphalt occupying the area currently. In the rear of the building, along the proposed addition, an ADA accessible ramp is proposed to be installed to provide universal access to both the front and the rear of the building.

The project is not within the flood plain of Mill Brook and does not encroach on any nearby Bordering Vegetated Wetlands.

There are no mapped, identified/specified rare habitat sites, or vernal pools in the area of the proposed project.

Per 310 CMR 10.58 (4) and (5):

(4) General Performance Standard

(a) Protection of other Resource Areas. *No other resource areas, or resource area buffer zones, exist within the project limits.*

(b) Protection of rare Species. *No certified, or potential, vernal pools or habitat areas, as specified within Natural Heritage Habitat Mapping, exist within the project limits.*

(c) Practicable and Substantially Equivalent Economic Alternatives

We believe there are no practicable and substantially equivalent alternatives to the proposed project with less adverse effects on the interests of MGL c.131 40. See below.

Per 310 CMR 10.58 1. Definition of Practicable is an alternative that is substantially equivalent economically if it is available and capable of being done after taking into consideration costs, existing technology, proposed use, and logistics, in light of overall project purposes. Available and capable of being done means the alternative is obtainable and feasible.

The four factors to be considered are:

a.) Costs

Costs include expenditures for the project within the riverfront area, such as land acquisition, site preparation, design, construction, landscaping and transactional expenses.

Costs have a significant impact on the subject buildings and their potential for being repurposed.

The existing mill buildings are very time-worn and will require extensive internal rehabbing in order to be repurposed successfully. In order to use the buildings cohesively it is required to bridge the two structures with a lobby to marry the floors of the existing structures.

b.) Existing technology

There is currently no technology, with regards to the riverfront resource area, being used to protect the interests of Mill Brook. All stormwater which falls on the subject site flows through a series of drain pipes before being directly deposited to Mill Brook.

To better the conditions of stormwater entering Mill Brook, a drywell has been proposed to capture and infiltrate runoff generated by the proposed addition. All stormwater, generated by the asphalt which currently occupies the area of the addition, runs untreated to Mill Brook. The new addition will replace a worn, asphalt parking surface and replace it with clean rooftop runoff only.

c.) Proposed Use

The site is proposed to close the auto-body repair shop currently operating out of one of the mill buildings, joining the mill buildings with an addition in between, and repurposing the site as a new, modern, accessible church.

d.) Logistics

Logistics refers to the presence or absence of physical characteristics that may influence development.

The church currently operates less than a quarter mile from this proposed relocation. The church intends to remain an important piece of the neighborhood in which it resides. The proposed site provides a substantial opportunity to upgrade the church while remaining in keeping with the neighborhood. The church also uses nearby public parking as a means of parking for members of the church, and in many other locations would not have the opportunity to provide ample parking for the habitual church attendees. The existing mill building's close proximity to the road and brook, along

with the current parking between the buildings makes it difficult to bridge the two structures to be used as a church. By adding a lobby, the parking area can be removed and replaced with a new entry between the buildings.

We feel this use, in replacement of an auto-body repair shop, provides increased protection for the Mill Brook resource area than any other economically feasible, substantially equivalent project at this site.

(d) No Significant Adverse Impact.

The proposed project is located in an area currently developed within both the 100 and 200 foot inner and outer riparian areas. See (5) Redevelopment Within Previously Developed Riverfront Areas; Restoration and Mitigation.

Existing development on the site between Mill Brook and the 100' inner riparian buffer zone totals approximately 7,582 square feet. Existing development within the 100' inner riparian and 200' outer riparian buffer zone totals approximately 16,040 square feet.

In the proposed condition, development on site between Mill Brook and the 100' inner riparian buffer zone totals approximately 7,582 square feet. Proposed development within the 100' inner riparian and 200' outer riparian buffer zone totals approximately 16,039 square feet.

(5) Redevelopment Within Previously Developed Riverfront Areas; Restoration and Mitigation.

The issuing authority may allow work to redevelop a previously developed riverfront area, provided the proposed work improves existing conditions. Work to redevelop previously developed riverfront areas shall conform to the following criteria:

(a) At a minimum, proposed work shall result in an improvement over existing conditions of the capacity of the riverfront area to protect the interests identified in MGL 131 40.

The proposal calls for the repurposing of an existing, time-worn mill building into a new, modern church. The existing use for one of the buildings is an auto-body repair shop. The roof drains from this auto-body repair shop flow through a pipe network directly into Mill Brook with the floor drains unknown. The proposal calls to disconnect these floor drains, reroute the roof drains, and capture all stormwater generated by the addition in a drywell behind the proposed addition.

Moving to a church use from an auto repair use will improve water quality entering Mill Brook. The proposed drywell, which will capture and infiltrate stormwater generated by the additions roof, will improve the quantity of water entering Mill Brook. In all, the project will improve both water quality and water quantity entering Mill Brook and the riverfront resource area.

(b) Stormwater management is provided according to standards established by the development.

Stormwater quality and quantity is proposed to be improved through the repurposing of the mill buildings from an auto repair use to a church use.

(c) Within the 200 foot riverfront areas, proposed work shall not be located closer to the river than the existing conditions or 100 feet, whichever is less, or not closer than existing conditions.

The proposed work is designed no closer to the brook than the currently degraded areas.

(d) Proposed work, including expansion of existing structures, shall be located outside riverfront area toward the riverfront area boundary away from the river.

The only expansion work being proposed within the 200' buffer zone of Mill Brook is an addition between the two mill buildings. This addition is further away from Mill Brook than the existing mill structure.

(e) The area of proposed work shall not exceed the amount of degraded area, provided that the proposed work may alter up to 10% if the degraded area is less than 10% of the riverfront area.

The existing degraded portion of the site (area absent of topsoil) is 26,920 square feet. Approximately 7,582 square feet are within the 0-100 foot buffer from the mean annual high water of Beaver Brook and 19,338 square feet within the 100-200 foot area.

The proposed degraded portion of the site remains the same total of 26,920 square feet with 7,582 square feet within the 0-100 foot buffer zone of Mill Brook, and 19,338 square feet between the 100-200 foot buffer from Mill Brook.

The proposed addition will take over land that is currently degraded with asphalt and therefore does not add to the degraded area of the site.

This project proposes to alter approximately 6,030 square feet outside of the existing mill buildings. Approximately 179 square feet of this alteration occurs between Mill Brook and the 100' inner riparian buffer zone while approximately 5,851 square feet of alteration occurs within the 100' inner riparian and 200' outer riparian buffer zones of Mill Brook. These areas include the new addition between the mill buildings, the enclosure of the existing loading dock, a universally accessible ramp to the rear entry of the building, a roof drain and drywell, repaving per the limits of "Proposed Full Depth Parking Pavement", as well as pavement patching per the limits of "Proposed Trench Patch Pavement" as shown on the Layout and Materials Plan, Sheet Two (2) of the Site Plan For Proposed Renovation 10, 12, 14-16 Mill Street Arlington, MA for Highrock Covenant Church.

There will be approximately 6,030 square feet total of Riverfront Buffer Zone disturbed as a result of this project. There will be no disturbance to wetlands, land subject to flooding, or potential/certified vernal pools.

(f) When an applicant proposes restoration. NA

(g) When an applicant proposes mitigation. NA

(h) Continuing conditions. NA

Per Town of Arlington Wetlands Protection Regulations Section

(24) – Vegetation Removal and Replacement

This project proposes to remove a small amount of grass, approximately 45 square feet, in lieu of a universally accessible ramp to the rear entry. To replace the removal, approximately 46 square feet of seed and seasonal plantings are proposed. The project has minimized vegetation removal to the maximum extent possible and the vegetative health of the Riverfront Area will not be harmed through the projected progress of this project.

Minor landscaping has been proposed as part of this project. Any vegetation proposed to be removed is proposed to be replaced at an amount equal to or greater than what is removed. Work outside of the mill building is to be as minimal as possible to remove the need of earth disturbing activities to the maximum extent possible.

(31) – Climate Change Resilience

(1) Describe project design considerations to limit storm and flood damage during extended periods of disruption and flooding as might be expected in extreme weather events. See Vegetative Wetlands Section 21, Land Subject to Flooding Section 23, and Adjacent Upland Resource Area Section 25, of these Regulations.

The project design has kept work outside of the building to a minimum. The only site work proposed is adding a crosswalk and ADA accessible ramp to the sidewalk at the main entry of the building, as well as adding a universally accessible ramp to the rear of the building, allowing universal access to both the main and alternate entries of the building. The last portion of site work proposed is to add a roof drain from the proposed addition to a drywell. By replacing the pavement with an addition, we are replacing 'dirty' stormwater runoff with 'clean' rooftop runoff. Furthermore, we are taking this 'clean' rooftop runoff and infiltrating so that Mill Brook is receiving less stormwater runoff from the site.

(2) Describe project stormwater surface runoff, which may increase due to storm surges and extreme weather events, and how this will be managed / mitigated to prevent pollution (including nutrients from fertilizers, roadway runoff, etc.) from entering the resource area with consideration of eliminating impervious surfaces as feasible. See Stormwater Management Section 33 of these Regulations.

Currently, the majority of the site is impervious cover either by pavement or building. The project proposes to now capture impervious surface runoff from the proposed addition, totaling approximately 2,684 sf, and infiltrate the stormwater runoff. Previously, this 2,684 sf was impervious pavement,

used for parking, and all stormwater generated ran directly to Mill Brook. Overall, the project proposes to improve stormwater conditions to the riverfront area.

(3) Describe project vegetation / planting plans and other measures to improve the resiliency of the wildlife habitat of the resource area to withstand potential temperature and rainfall changes (drought and excess) due to climate change. See Vegetation Removal and Replacement Section 24 of these Regulations.

The project proposes to remove a small portion of grass, approximately 45 square feet, in lieu of a universally accessible ramp to the rear entry of the building. Approximately 46 square feet of seed and seasonal planting have been proposed to compensate for the small portion of grass to be removed. The vegetative health of the riverfront area will not be harmed as a part of, or throughout the progress of, this project.

The project proposes to reduce impervious surface runoff to Mill Brook and its surrounding vegetation. This vegetation will see a decrease in stormwater runoff and pollutants further creating a healthier riverfront area.

(4) Describe measures to protect proposed structures and minimize damage to structures due to the impacts of climate change.

The only proposed structure on site is an addition between the existing mill buildings. One existing mill building will be in front of the addition (in relation to Mill Brook) while the other mill building will sit behind the proposed addition. This addition has been set approximately 15 feet above the elevation of Mill Brook. Setting the elevation this high reduces the likelihood of water damage or erosion due to climate change.

APPENDIX 3

BYLAW FILING FEES and TRANSMITTAL FORM

Rules:

1. Fees are payable at the time of filing the application and are non-refundable.
2. Fees shall be calculated per schedule below.
3. Town, County, State, and Federal Projects are exempt from fees.
4. These fees are in addition to the fees paid under M.G.L. Ch. 131, s.40 (ACT).

Fee Schedule (ACC approved 1/8/15):

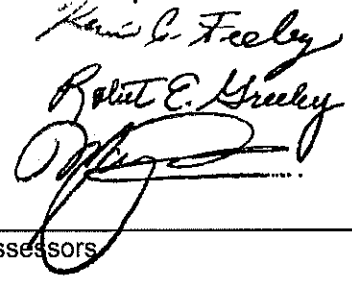
$	**NO./Area**	**Category**
_____	_____	(R1) RDA- $150 local fee, no state fee
_____	_____	(N1) Minor project - $200 (house addition, tennis court, swimming pool, utility work, work in, on or affecting any body of water, wetland or floodplain).
_____	_____	(N2) Single Family Dwelling - $600
_____	_____	(N3) Multiple dwelling structures - $600 + $100 per unit all or part of which lies within 100 feet of wetlands or within land subject to flooding.
$920.60	6,030 sf	(N4) Commercial, industrial, and institutional projects: $800 + 50¢/s.f. wetland disturbed; 2¢/s.f. land subject to flooding or buffer zone disturbed.)
_____	_____	(N5) Subdivisions. $600 + $4/l.f. feet of roadway sideline within 100 ft. of wetlands or within land subject to flooding
_____	_____	(N6) Other Fees: copies, printouts - Per public records law
_____	_____	(N7) Minor project change- $50
_____	_____	(N8) Work on docks, piers, revetments, dikes, etc – $4 per linear foot
_____	_____	(N9) Resource boundary delineation (ANRAD) - $1 per linear foot
_____	_____	(N10) Certificate of Compliance (COC or PCOC) – No charge if before expiration of Order, $200 if after that date.
_____	_____	(N11) Amendments - $300 or 50% of original local filing fee, whichever is less
_____	_____	(N12) Extensions a. Single family dwelling or minor project - $100.
_____	_____	b.Other - $150.
_____	_____	(N13) Consultant Fee Per estimate from consultant
$912.60		**TOTAL**

Note: Submit this form along with the forms submitted for the ACT - the "Wetlands Filing Fee Calculations Worksheet," and the "Notice of Intent Fee Transmittal Form."

Abutters List
Date: February 07, 2018

Subject Property Address: 10 MILL ST Arlington, MA
Subject Property ID: 52-1-18
Search Distance: 100 Feet

I hereby certify that this list has prepared in accordance with Chapter 40A Section 11 of MGL.



Board of Assessors

Prop ID: 51-1-9
Prop Location: 9 MILL ST Arlington, MA
Owner: SONIFER DENNIS
Co-Owner: LANGE KATHRYN
Mailing Address:
9 MILL ST
ARLINGTON, MA 02476

Prop ID: 51-2-1.A
Prop Location: 13 MILL ST Arlington, MA
Owner: J P G DEVELOPMENT
Co-Owner: LIMITED PARTNERSHIP
Mailing Address:
P.O. BOX 610 - 182
NEWTON HIGHLANDS, MA 02461

Prop ID: 51-2-1.B
Prop Location: 17 MILL ST Arlington, MA
Owner: MILLBROOK SQ APARTMENTS CO
Co-Owner: C/O CMJ MANAGEMENT CO
Mailing Address:
150 MT VERNON ST SUITE 520
DORCHESTER, MA 02125

Prop ID: 51.A-1-2
Prop Location: 2 BACON ST UNIT 2 Arlington, MA
Owner: GREASON MELINDA
Co-Owner:
Mailing Address:
2 BACON ST UNIT 2
ARLINGTON, MA 02476

Prop ID: 51.A-1-2.A
Prop Location: 2-A BACON ST UNIT 2A Arlington, MA
Owner: ABERDEEN JOHN S
Co-Owner:
Mailing Address:
2-A BACON ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-3
Prop Location: 3 MILL ST UNIT 3 Arlington, MA
Owner: SHERMAN CHRISTOPHER P
Co-Owner: TIFT MARIE JEANNE
Mailing Address:
3 MILL ST UNIT 3
ARLINGTON, MA 02476

Prop ID: 51.A-1-3.A
Prop Location: 3-A MILL ST UNIT 3A Arlington, MA
Owner: QUIRK DONNA M/TRUSTEE
Co-Owner: DONNA M QUIRK REVOCABLE TRUST
Mailing Address:
3A MILL ST UNIT 3A
ARLINGTON, MA 02476

Prop ID: 51.A-1-4
Prop Location: 4 BACON ST UNIT 4 Arlington, MA
Owner: SLOVIN ZACHARY P
Co-Owner: SASON TALI
Mailing Address:
4 BACON ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-4.A
Prop Location: 4-A BACON ST UNIT 4A Arlington, MA
Owner: KALUSTIAN JEFFREY R &
Co-Owner: ALIKPALA C. MARISSA R
Mailing Address:
4A BACON STREET
ARLINGTON, MA 02476

Prop ID: 51.A-1-6
Prop Location: 6 BACON ST UNIT 6 Arlington, MA
Owner: BROWN THOMAS K/ LIFE ESTATE
Co-Owner: HERMAN PAULA/LIFE ESTATE
Mailing Address:
6 BACON ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-6.A
Prop Location: 6-A BACON ST UNIT 6A Arlington, MA
Owner: ALI HOSSAM
Co-Owner:
Mailing Address:
6A BACON STREET
ARLINGTON, MA 02474

Prop ID: 51.A-1-7
Prop Location: 7 MILL ST UNIT 7 Arlington, MA
Owner: RICHARDSON KENNETH/SUSAN
Co-Owner:
Mailing Address:
7 MILL ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-741
Prop Location: 741 MASS AVE UNIT 741 Arlington, MA
Owner: TUNGSIRIPAT SUTA
Co-Owner:
Mailing Address:
741 MASSACHUSETTS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-741.A
Prop Location: 741-A MASS AVE UNIT 741A Arlington,
Owner: ERLICH ADAM
Co-Owner: SEITELMAN ELLEN
Mailing Address:
741A MASSACHUSETTS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-743
Prop Location: 743 MASS AVE UNIT 743 Arlington, MA
Owner: MA PEI TAK & SHEU MAY
Co-Owner:
Mailing Address:
743 MASS AVE UNIT 743
ARLINGTON, MA 02476

Prop ID: 51.A-1-743.A
Prop Location: 743-A MASS AVE UNIT 743A Arlington,
Owner: YAN MINGDI
Co-Owner:
Mailing Address:
743A MASS AVE UNIT 743A
ARLINGTON, MA 02476

Prop ID: 51.A-1-745
Prop Location: 745 MASS AVE UNIT 745 Arlington, MA
Owner: TERRY EILEEN
Co-Owner:
Mailing Address:
745 MASS AVE UNIT 745
ARLINGTON, MA 02476

Prop ID: 51.A-1-745.A
Prop Location: 745-A MASS AVE UNIT 745A Arlington,
Owner: MECHLING JERRY E &
Co-Owner: CADER TERESA D
Mailing Address:
745A MASS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-747
Prop Location: 747 MASS AVE UNIT 747 Arlington, MA
Owner: MILEY DANIEL H JR & ANNE B TRS
Co-Owner: MILEY REALTY TRUST
Mailing Address:
747 MASS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-747.A
Prop Location: 747-A MASS AVE UNIT 747A Arlington,
Owner: PALERU ELLEN
Co-Owner:
Mailing Address:
747A MASS AVE UNIT 747A
ARLINGTON, MA 02476

Prop ID: 51.A-1-7.A
Prop Location: 7-A MILL ST UNIT 7A Arlington, MA
Owner: GOULDER ALISON
Co-Owner:
Mailing Address:
7A MILL ST
ARLINGTON, MA 02476

Prop ID: 52-1-10
Prop Location: 795-807 MASS AVE Arlington, MA
Owner: MERCIER DONALD H TR
Co-Owner: MAPLES REALTY TRUST
Mailing Address:
96 CROSS STREET
BELMONT, MA 02478

Prop ID: 52-1-11
Prop Location: 10 RAMSDELL CT Arlington, MA
Owner: JACOBSON ERIC
Co-Owner:
Mailing Address:
10 RAMSDELL COURT
ARLINGTON, MA 02476

Prop ID: 52-1-12
Prop Location: 12 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-14
Prop Location: 5 RAMSDELL CT Arlington, MA
Owner: DIGNAN MARK E
Co-Owner:
Mailing Address:
5 RAMSDELL CT
ARLINGTON, MA 02476

Prop ID: 52-1-15
Prop Location: 787-793 MASS AVE Arlington, MA
Owner: KARPOWICZ GERARD/TRUSTEE
Co-Owner: KARPOWICZ FAMILY TRUST
Mailing Address:
789 MASS AVENUE
ARLINGTON, MA 02476

Prop ID: 52-1-16
Prop Location: 783-785 MASS AVE Arlington, MA
Owner: WINER JERROLD L--TRUSTEE
Co-Owner: THE 783 MASS AVE TRUST
Mailing Address:
783 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-17
Prop Location: 6 MILL ST Arlington, MA
Owner: MARK KONRAD A
Co-Owner:
Mailing Address:
12 GREEN STREET
IPSWICH, MA 01938

Prop ID: 52-1-18
Prop Location: 10 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-19
Prop Location: 14-16 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02474

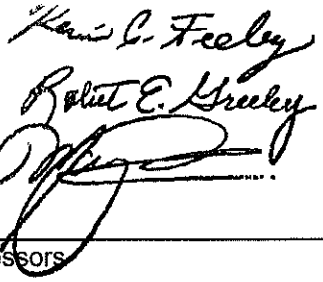
Prop ID: 52-1-20.D
Prop Location: 0-LOT MILL BROOK DR Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02474

Prop ID: 52-1-9
Prop Location: 5 WILLOW CT Arlington, MA
Owner: JOHNSON HARRY TRS/ELIOT
Co-Owner: COMMUNITY HUMAN SVCS TRUST
Mailing Address:
186 BEDFORD STREET
LEXINGTON, MA 02420

Abutters List
Date: February 07, 2018

Subject Property Address: 12 MILL ST Arlington, MA
Subject Property ID: 52-1-12
Search Distance: 100 Feet

I hereby certify that this list has been prepared in accordance with Chapter 40A Section 11 of MGL.



Board of Assessors

Prop ID: 52-1-10
Prop Location: 795-807 MASS AVE Arlington, MA
Owner: MERCIER DONALD H TR
Co-Owner: MAPLES REALTY TRUST
Mailing Address:
96 CROSS STREET
BELMONT, MA 02478

Prop ID: 52-1-11
Prop Location: 10 RAMSDELL CT Arlington, MA
Owner: JACOBSON ERIC
Co-Owner:
Mailing Address:
10 RAMSDELL COURT
ARLINGTON, MA 02476

Prop ID: 52-1-12
Prop Location: 12 Mill St Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-14
Prop Location: 5 RAMSDELL CT Arlington, MA
Owner: DIGNAN MARK E
Co-Owner:
Mailing Address:
5 RAMSDELL CT
ARLINGTON, MA 02476

Prop ID: 52-1-15
Prop Location: 787-793 MASS AVE Arlington, MA
Owner: KARPOWICZ GERARD/TRUSTEE
Co-Owner: KARPOWICZ FAMILY TRUST
Mailing Address:
789 MASS AVENUE
ARLINGTON, MA 02476

Prop ID: 52-1-16
Prop Location: 783-785 MASS AVE Arlington, MA
Owner: WINER JERROLD L--TRUSTEE
Co-Owner: THE 783 MASS AVE TRUST
Mailing Address:
783 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-17
Prop Location: 6 MILL ST Arlington, MA
Owner: MARK KONRAD A
Co-Owner:
Mailing Address:
12 GREEN STREET
IPSWICH, MA 01938

Prop ID: 52-1-18
Prop Location: 10 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-19
Prop Location: 14-16 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02474

Prop ID: 52-1-20.D
Prop Location: 0-LOT MILL BROOK DR Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02474

Prop ID: 52-1-7.A
Prop Location: 10 WILLOW CT UNIT A Arlington, MA
Owner: BHATTACHARYA DEBARATI CHANDAN
Co-Owner:
Mailing Address:
10 WILLOW COURT #A
ARLINGTON, MA 02476

Prop ID: 52-1-7.B
Prop Location: 10 WILLOW CT UNIT B Arlington, MA
Owner: LIN CHIOU C &
Co-Owner: LIN HUEI-CHIEN
Mailing Address:
10 WILLOW COURT #B
ARLINGTON, MA 02476

Prop ID: 52-1-7.C
Prop Location: 12 WILLOW CT UNIT A Arlington, MA
Owner: ZERN MARK W
Co-Owner: C/O ANWAY & CO.
Mailing Address:
12A WILLOW COURT
ARLINGTON, MA 02476

Prop ID: 52-1-7.D
Prop Location: 12 WILLOW CT UNIT B Arlington, MA
Owner: SWANSON DERBY A
Co-Owner:
Mailing Address:
12 WILLOW COURT #B
ARLINGTON, MA 02476

Prop ID: 52-1-8
Prop Location: 9 WILLOW CT Arlington, MA
Owner: LALLY MARC F--ETAL TRS
Co-Owner: MYSTIC VALLEY MENTAL HEALTH
Mailing Address:
186 BEDFORD STREET
LEXINGTON, MA 02420

Prop ID: 52-1-9
Prop Location: 5 WILLOW CT Arlington, MA
Owner: JOHNSON HARRY TRS/ELIOT
Co-Owner: COMMUNITY HUMAN SVCS TRUST
Mailing Address:
186 BEDFORD STREET
LEXINGTON, MA 02420

Prop ID: 52.A-1-1
Prop Location: 22 MILL ST UNIT 1 Arlington, MA
Owner: FITZPATRICK MICHAEL F/MARJORIE
Co-Owner:
Mailing Address:
22 MILL ST #2
ARLINGTON, MA 02474

Prop ID: 52.A-1-101
Prop Location: 22 MILL ST UNIT 101 Arlington, MA
Owner: BLUE WHALE REALTY LLC
Co-Owner: C/O ANN M MORVAI
Mailing Address:
PO BOX 603
WINCHESTER, MA 01890

Prop ID: 52.A-1-102
Prop Location: 22 MILL ST UNIT 102 Arlington, MA
Owner: BLUE WHALE REALTY LLC
Co-Owner: C/O ANN M MORVAI
Mailing Address:
PO BOX 603
WINCHESTER, MA 01890

Prop ID: 52.A-1-104
Prop Location: 22 MILL ST UNIT 104 Arlington, MA
Owner: RAJ REALTY GROUP LLC
Co-Owner:
Mailing Address:
181 ESSEX STREET # 303
BOSTON, MA 02111

Prop ID: 52.A-1-105
Prop Location: 22 MILL ST UNIT 105 Arlington, MA
Owner: AUSTIN ROBERT P/ELLEN E
Co-Owner:
Mailing Address:
22 MILL ST---UNIT 105
ARLINGTON, MA 02476

Prop ID: 52.A-1-106
Prop Location: 22 MILL ST UNIT 106 Arlington, MA
Owner: MOUNT AUBURN HOSPITAL
Co-Owner:
Mailing Address:
330 MT AUBURN ST RM 229
CAMBRIDGE, MA 02138

Prop ID: 52.A-1-107
Prop Location: 22 MILL ST UNIT 107 Arlington, MA
Owner: COLARUSSO ANTHONY M TRUSTEE
Co-Owner: TR OF ADEM NOMINEE TRUST
Mailing Address:
22 MILL ST #305
ARLINGTON, MA 02474

Prop ID: 52.A-1-108
Prop Location: 22 MILL ST UNIT 108 Arlington, MA
Owner: RUANE THOMAS M TRUSTEE
Co-Owner: JMR REALTY TRUST
Mailing Address:
29 FOX RD
WAKEFIELD, MA 01880

Prop ID: 52.A-1-109
Prop Location: 22 MILL ST UNIT 109 Arlington, MA
Owner: DI BELLA RICHARD J
Co-Owner:
Mailing Address:
29 MORNINGSIDE DRIVE
ARLINGTON, MA 02474

Prop ID: 52.A-1-110
Prop Location: 22 MILL ST UNIT 110 Arlington, MA
Owner: GILMARTIN MARY/ TRUSTEE
Co-Owner: CONSTANCE NOMINEE RLTY TRUST
Mailing Address:
22 MILL STREET SUITE #110
ARLINGTON, MA 02476

Prop ID: 52.A-1-2
Prop Location: 22 MILL ST UNIT 2 Arlington, MA
Owner: FITZPATRICK MICHAEL F
Co-Owner: FITZPATRICK MARJORIE H
Mailing Address:
22 MILL STREET #2
ARLINGTON, MA 02476

Prop ID: 52.A-1-201
Prop Location: 22 MILL ST UNIT 201 Arlington, MA
Owner: THOMAS DARCY D O LLC &
Co-Owner: EVEREST HEALTHCARE SPECIALISTS
Mailing Address:
2 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 52.A-1-202
Prop Location: 22 MILL ST UNIT 202 Arlington, MA
Owner: ARLINGTON DENTAL GROUP P.C.
Co-Owner:
Mailing Address:
22 MILL STREET #202
ARLINGTON, MA 02476

Prop ID: 52.A-1-204
Prop Location: 22 MILL ST UNIT 204 Arlington, MA
Owner: MOUNT AUBURN PROF SERVUCES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-205
Prop Location: 22 MILL ST UNIT 205 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-206
Prop Location: 22 MILL ST UNIT 206 Arlington, MA
Owner: MILL ST/BEACON ST LLC
Co-Owner:
Mailing Address:
22 MILL STREET #206
ARLINGTON, MA 02476

Prop ID: 52.A-1-207
Prop Location: 22 MILL ST UNIT 207 Arlington, MA
Owner: MAINALI BISHAL K &
Co-Owner: MAINALI DARCY GRANT THOMAS
Mailing Address:
2 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 52.A-1-208
Prop Location: 22 MILL ST UNIT 208 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-209
Prop Location: 22 MILL ST UNIT 209 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-210
Prop Location: 22 MILL ST UNIT 210 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
300 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-301
Prop Location: 22 MILL ST UNIT 301 Arlington, MA
Owner: FLYNN WILLIAM F JR/ TRUSTEE
Co-Owner: T&K LINCOLN REALTY TRUST
Mailing Address:
22 MILL STREET #301
ARLINGTON, MA 02476

Prop ID: 52.A-1-302
Prop Location: 22 MILL ST UNIT 302 Arlington, MA
Owner: ERTEL GERALDINE
Co-Owner:
Mailing Address:
10 PADDOCK LANE
LEXINGTON, MA 02421

Prop ID: 52.A-1-303
Prop Location: 22 MILL ST UNIT 303 Arlington, MA
Owner: PEMBROKE PROPERTIES LLC
Co-Owner:
Mailing Address:
22 MILL ST #303
ARLINGTON, MA 02476

Prop ID: 52.A-1-304
Prop Location: 22 MILL ST UNIT 304 Arlington, MA
Owner: WETHREE LLC
Co-Owner:
Mailing Address:
27 VILLAGE SQ
CHELMSFORD, MA 01824

Prop ID: 52.A-1-305
Prop Location: 22 MILL ST UNIT 305 Arlington, MA
Owner: COLARUSSO ANTHONY M/TRUSTEE
Co-Owner: ADEM REALTY TRUST
Mailing Address:
22 MILL #305
ARLINGTON, MA 02476

Prop ID: 52.A-1-306
Prop Location: 22 MILL ST UNIT 306 Arlington, MA
Owner: KATZ ALAN H TR
Co-Owner: TR OF THE LEGAL TRUST
Mailing Address:
10 APACHE TRAIL
ARLINGTON, MA 02474

Prop ID: 52.A-1-307
Prop Location: 22 MILL ST UNIT 307 Arlington, MA
Owner: MILL ST/BEACON ST LLC
Co-Owner:
Mailing Address:
22 MILL STREET SUITE 307
ARLINGTON, MA 02476

Prop ID: 52.A-1-308
Prop Location: 22 MILL ST UNIT 308 Arlington, MA
Owner: JACQUES MICHAEL F/SHARON W
Co-Owner:
Mailing Address:
127 NONSET PATH
ACTON, MA 01720

Prop ID: 52.A-1-309
Prop Location: 22 MILL ST UNIT 309 Arlington, MA
Owner: ZHANG YAO
Co-Owner:
Mailing Address:
81 MAPLE LANE
NORTHBOROUGH, MA 01532

Prop ID: 52.A-1-310
Prop Location: 22 MILL ST UNIT 310 Arlington, MA
Owner: FULLER MICHAEL J--M D
Co-Owner:
Mailing Address:
68 BRIDGE STREET
LEXINGTON, MA 02421

Prop ID: 52.A-1-4
Prop Location: 22 MILL ST UNIT 4 Arlington, MA
Owner: JACQUES MICHAEL F/ETAL
Co-Owner: JACQUES SHARON W
Mailing Address:
127 NONSET PATH
ACTON, MA 01720

Prop ID: 52.A-1-403
Prop Location: 22 MILL ST UNIT 403 Arlington, MA
Owner: GOHABA LLC
Co-Owner:
Mailing Address:
22 MILL ST UNIT 403
ARLINGTON, MA 02476

Prop ID: 52.A-1-405
Prop Location: 22 MILL ST UNIT 405 Arlington, MA
Owner: BLOCK D S-WOLF M TRS-ETAL
Co-Owner: LEVENDUSKY PHILIP--TRS
Mailing Address:
87 RICHFIELD RD
ARLINGTON, MA 02476

Prop ID: 52.A-1-406
Prop Location: 22 MILL ST UNIT 406 Arlington, MA
Owner: LEXI REALTY LLC
Co-Owner:
Mailing Address:
111 WILLARD ST
QUINCY, MA 02169

Prop ID: 52.A-1-407
Prop Location: 22 MILL ST UNIT 407 Arlington, MA
Owner: LEXI REALTY LLC
Co-Owner:
Mailing Address:
111 WILLARD STREET
QUINCY, MA 02169

Prop ID: 52.A-1-408
Prop Location: 22 MILL ST UNIT 408 Arlington, MA
Owner: BAILEY HAMILTON T JR&CAROLYNNE
Co-Owner: TRS/HAMILTON T BAILEY JR
Mailing Address:
420 SCHOOL STREET
CARLISLE, MA 01741

Prop ID: 52.A-1-409
Prop Location: 22 MILL ST UNIT 409 Arlington, MA
Owner: NEW ENGLAND MUSEUM ASSOC
Co-Owner:
Mailing Address:
22 MILL STREET UNIT 409
ARLINGTON, MA 02476

Prop ID: 52.A-1-410
Prop Location: 22 MILL ST UNIT 410 Arlington, MA
Owner: POWELL SANDRA R
Co-Owner:
Mailing Address:
101 SOUTH MAIN ST
RANDOLPH, MA 02368

Prop ID: 52.A-1-5
Prop Location: 22 MILL ST UNIT 5 Arlington, MA
Owner: JACQUES MICHAEL F
Co-Owner: JACQUES SHARON W
Mailing Address:
127 NONSET PATH
ACTON, MA 01720

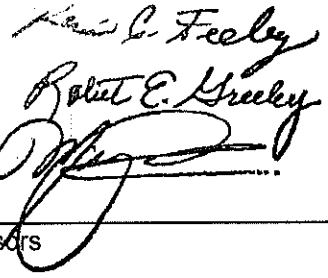
Abutters List
Date: February 07, 2018

Subject Property Address: 14-16 MILL ST Arlington, MA
Subject Property ID: 52-1-19

Subject Property Address: 0-LOT MILL BROOK DR Arlington, MA
Subject Property ID: 52-1-20.D

Search Distance: 100 Feet

I hereby certify that this list has prepared in accordance with Chapter 40A Section 11 of MGL.



Board of Assessors

Prop ID: 51-1-9
Prop Location: 9 MILL ST Arlington, MA
Owner: SONIFER DENNIS
Co-Owner: LANGE KATHRYN
Mailing Address:
9 MILL ST
ARLINGTON, MA 02476

Prop ID: 51-2-1.A
Prop Location: 13 MILL ST Arlington, MA
Owner: J P G DEVELOPMENT
Co-Owner: LIMITED PARTNERSHIP
Mailing Address:
P.O. BOX 610 - 182
NEWTON HIGHLANDS, MA 02461

Prop ID: 51-2-1.B
Prop Location: 17 MILL ST Arlington, MA
Owner: MILLBROOK SQ APARTMENTS CO
Co-Owner: C/O CMJ MANAGEMENT CO
Mailing Address:
150 MT VERNON ST SUITE 520
DORCHESTER, MA 02125

Prop ID: 51.A-1-2
Prop Location: 2 BACON ST UNIT 2 Arlington, MA
Owner: GREASON MELINDA
Co-Owner:
Mailing Address:
2 BACON ST UNIT 2
ARLINGTON, MA 02476

Prop ID: 51.A-1-2.A
Prop Location: 2-A BACON ST UNIT 2A Arlington, MA
Owner: ABERDEEN JOHN S
Co-Owner:
Mailing Address:
2-A BACON ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-3
Prop Location: 3 MILL ST UNIT 3 Arlington, MA
Owner: SHERMAN CHRISTOPHER P
Co-Owner: TIFT MARIE JEANNE
Mailing Address:
3 MILL ST UNIT 3
ARLINGTON, MA 02476

Prop ID: 51.A-1-3.A
Prop Location: 3-A MILL ST UNIT 3A Arlington, MA
Owner: QUIRK DONNA M/TRUSTEE
Co-Owner: DONNA M QUIRK REVOCABLE TRUST
Mailing Address:
3A MILL ST UNIT 3A
ARLINGTON, MA 02476

Prop ID: 51.A-1-4
Prop Location: 4 BACON ST UNIT 4 Arlington, MA
Owner: SLOVIN ZACHARY P
Co-Owner: SASON TALI
Mailing Address:
4 BACON ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-4.A
Prop Location: 4-A BACON ST UNIT 4A Arlington, MA
Owner: KALUSTIAN JEFFREY R &
Co-Owner: ALIKPALA C. MARISSA R
Mailing Address:
4A BACON STREET
ARLINGTON, MA 02476

Prop ID: 51.A-1-6
Prop Location: 6 BACON ST UNIT 6 Arlington, MA
Owner: BROWN THOMAS K/ LIFE ESTATE
Co-Owner: HERMAN PAULA/LIFE ESTATE
Mailing Address:
6 BACON ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-6.A
Prop Location: 6-A BACON ST UNIT 6A Arlington, MA
Owner: ALI HOSSAM
Co-Owner:
Mailing Address:
6A BACON STREET
ARLINGTON, MA 02474

Prop ID: 51.A-1-7
Prop Location: 7 MILL ST UNIT 7 Arlington, MA
Owner: RICHARDSON KENNETH/SUSAN
Co-Owner:
Mailing Address:
7 MILL ST
ARLINGTON, MA 02476

Prop ID: 51.A-1-741
Prop Location: 741 MASS AVE UNIT 741 Arlington, MA
Owner: TUNGSIRIPAT SUTA
Co-Owner:
Mailing Address:
741 MASSACHUSETTS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-741.A
Prop Location: 741-A MASS AVE UNIT 741A Arlington,
Owner: ERLICH ADAM
Co-Owner: SEITELMAN ELLEN
Mailing Address:
741A MASSACHUSETTS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-743
Prop Location: 743 MASS AVE UNIT 743 Arlington, MA
Owner: MA PEI TAK & SHEU MAY
Co-Owner:
Mailing Address:
743 MASS AVE UNIT 743
ARLINGTON, MA 02476

Prop ID: 51.A-1-743.A
Prop Location: 743-A MASS AVE UNIT 743A Arlington,
Owner: YAN MINGDI
Co-Owner:
Mailing Address:
743A MASS AVE UNIT 743A
ARLINGTON, MA 02476

Prop ID: 51.A-1-745
Prop Location: 745 MASS AVE UNIT 745 Arlington, MA
Owner: TERRY EILEEN
Co-Owner:
Mailing Address:
745 MASS AVE UNIT 745
ARLINGTON, MA 02476

Prop ID: 51.A-1-745.A
Prop Location: 745-A MASS AVE UNIT 745A Arlington,
Owner: MECHLING JERRY E &
Co-Owner: CADER TERESA D
Mailing Address:
745A MASS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-747
Prop Location: 747 MASS AVE UNIT 747 Arlington, MA
Owner: MILEY DANIEL H JR & ANNE B TRS
Co-Owner: MILEY REALTY TRUST
Mailing Address:
747 MASS AVE
ARLINGTON, MA 02476

Prop ID: 51.A-1-747.A
Prop Location: 747-A MASS AVE UNIT 747A Arlington,
Owner: PALERU ELLEN
Co-Owner:
Mailing Address:
747A MASS AVE UNIT 747A
ARLINGTON, MA 02476

Prop ID: 51.A-1-7.A
Prop Location: 7-A MILL ST UNIT 7A Arlington, MA
Owner: GOULDER ALISON
Co-Owner:
Mailing Address:
7A MILL ST
ARLINGTON, MA 02476

Prop ID: 52-1-11
Prop Location: 10 RAMSDELL CT Arlington, MA
Owner: JACOBSON ERIC
Co-Owner:
Mailing Address:
10 RAMSDELL COURT
ARLINGTON, MA 02476

Prop ID: 52-1-12
Prop Location: 12 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-18
Prop Location: 10 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-19
Prop Location: 14-16 MILL ST Arlington, MA
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-20.D
Prop Location: 0 LOT MILL BROOK DR
Owner: HIGHROCK CHURCH INC
Co-Owner:
Mailing Address:
735 MASS AVE
ARLINGTON, MA 02476

Prop ID: 52-1-7.A
Prop Location: 10 WILLOW CT UNIT A Arlington, MA
Owner: BHATTACHARYA DEBARATI CHANDAN
Co-Owner:
Mailing Address:
10 WILLOW COURT #A
ARLINGTON, MA 02476

Prop ID: 52-1-7.B
Prop Location: 10 WILLOW CT UNIT B Arlington, MA
Owner: LIN CHIOU C &
Co-Owner: LIN HUEI-CHIEN
Mailing Address:
10 WILLOW COURT #B
ARLINGTON, MA 02476

Prop ID: 52-1-8
Prop Location: 9 WILLOW CT Arlington, MA
Owner: LALLY MARC F--ETAL TRS
Co-Owner: MYSTIC VALLEY MENTAL HEALTH
Mailing Address:
186 BEDFORD STREET
LEXINGTON, MA 02420

Prop ID: 52.A-1-1
Prop Location: 22 MILL ST UNIT 1 Arlington, MA
Owner: FITZPATRICK MICHAEL F/MARJORIE
Co-Owner:
Mailing Address:
22 MILL ST #2
ARLINGTON, MA 02474

Prop ID: 52.A-1-101
Prop Location: 22 MILL ST UNIT 101 Arlington, MA
Owner: BLUE WHALE REALTY LLC
Co-Owner: C/O ANN M MORVAI
Mailing Address:
PO BOX 603
WINCHESTER, MA 01890

Prop ID: 52.A-1-102
Prop Location: 22 MILL ST UNIT 102 Arlington, MA
Owner: BLUE WHALE REALTY LLC
Co-Owner: C/O ANN M MORVAI
Mailing Address:
PO BOX 603
WINCHESTER, MA 01890

Prop ID: 52.A-1-104
Prop Location: 22 MILL ST UNIT 104 Arlington, MA
Owner: RAJ REALTY GROUP LLC
Co-Owner:
Mailing Address:
181 ESSEX STREET # 303
BOSTON, MA 02111

Prop ID: 52.A-1-105
Prop Location: 22 MILL ST UNIT 105 Arlington, MA
Owner: AUSTIN ROBERT P/ELLEN E
Co-Owner:
Mailing Address:
22 MILL ST---UNIT 105
ARLINGTON, MA 02476

Prop ID: 52.A-1-106
Prop Location: 22 MILL ST UNIT 106 Arlington, MA
Owner: MOUNT AUBURN HOSPITAL
Co-Owner:
Mailing Address:
330 MT AUBURN ST RM 229
CAMBRIDGE, MA 02138

Prop ID: 52.A-1-107
Prop Location: 22 MILL ST UNIT 107 Arlington, MA
Owner: COLARUSSO ANTHONY M TRUSTEE
Co-Owner: TR OF ADEM NOMINEE TRUST
Mailing Address:
22 MILL ST #305
ARLINGTON, MA 02474

Prop ID: 52.A-1-108
Prop Location: 22 MILL ST UNIT 108 Arlington, MA
Owner: RUANE THOMAS M TRUSTEE
Co-Owner: JMR REALTY TRUST
Mailing Address:
29 FOX RD
WAKEFIELD, MA 01880

Prop ID: 52.A-1-109
Prop Location: 22 MILL ST UNIT 109 Arlington, MA
Owner: DI BELLA RICHARD J
Co-Owner:
Mailing Address:
29 MORNINGSIDE DRIVE
ARLINGTON, MA 02474

Prop ID: 52.A-1-110
Prop Location: 22 MILL ST UNIT 110 Arlington, MA
Owner: GILMARTIN MARY/ TRUSTEE
Co-Owner: CONSTANCE NOMINEE RLTY TRUST
Mailing Address:
22 MILL STREET SUITE #110
ARLINGTON, MA 02476

Prop ID: 52.A-1-2
Prop Location: 22 MILL ST UNIT 2 Arlington, MA
Owner: FITZPATRICK MICHAEL F
Co-Owner: FITZPATRICK MARJORIE H
Mailing Address:
22 MILL STREET #2
ARLINGTON, MA 02476

Prop ID: 52.A-1-201
Prop Location: 22 MILL ST UNIT 201 Arlington, MA
Owner: THOMAS DARCY D O LLC &
Co-Owner: EVEREST HEALTHCARE SPECIALISTS
Mailing Address:
2 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 52.A-1-202
Prop Location: 22 MILL ST UNIT 202 Arlington, MA
Owner: ARLINGTON DENTAL GROUP P.C.
Co-Owner:
Mailing Address:
22 MILL STREET #202
ARLINGTON, MA 02476

Prop ID: 52.A-1-204
Prop Location: 22 MILL ST UNIT 204 Arlington, MA
Owner: MOUNT AUBURN PROF SERVUCES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-205
Prop Location: 22 MILL ST UNIT 205 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-206
Prop Location: 22 MILL ST UNIT 206 Arlington, MA
Owner: MILL ST/BEACON ST LLC
Co-Owner:
Mailing Address:
22 MILL STREET #206
ARLINGTON, MA 02476

Prop ID: 52.A-1-207
Prop Location: 22 MILL ST UNIT 207 Arlington, MA
Owner: MAINALI BISHAL K &
Co-Owner: MAINALI DARCY GRANT THOMAS
Mailing Address:
2 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 52.A-1-208
Prop Location: 22 MILL ST UNIT 208 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-209
Prop Location: 22 MILL ST UNIT 209 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
330 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-210
Prop Location: 22 MILL ST UNIT 210 Arlington, MA
Owner: MOUNT AUBURN PROF SERVICES
Co-Owner:
Mailing Address:
300 MOUNT AUBURN STREET
CLARK BLDG, ROOM 229
CAMBRIDGE, MA 02238

Prop ID: 52.A-1-301
Prop Location: 22 MILL ST UNIT 301 Arlington, MA
Owner: FLYNN WILLIAM F JR/ TRUSTEE
Co-Owner: T&K LINCOLN REALTY TRUST
Mailing Address:
22 MILL STREET #301
ARLINGTON, MA 02476

Prop ID: 52.A-1-302
Prop Location: 22 MILL ST UNIT 302 Arlington, MA
Owner: ERTEL GERALDINE
Co-Owner:
Mailing Address:
10 PADDOCK LANE
LEXINGTON, MA 02421

Prop ID: 52.A-1-303
Prop Location: 22 MILL ST UNIT 303 Arlington, MA
Owner: PEMBROKE PROPERTIES LLC
Co-Owner:
Mailing Address:
22 MILL ST #303
ARLINGTON, MA 02476

Prop ID: 52.A-1-304
Prop Location: 22 MILL ST UNIT 304 Arlington, MA
Owner: WETHREE LLC
Co-Owner:
Mailing Address:
27 VILLAGE SQ
CHELMSFORD, MA 01824

Prop ID: 52.A-1-305
Prop Location: 22 MILL ST UNIT 305 Arlington, MA
Owner: COLARUSSO ANTHONY M/TRUSTEE
Co-Owner: ADEM REALTY TRUST
Mailing Address:
22 MILL #305
ARLINGTON, MA 02476

Prop ID: 52.A-1-306
Prop Location: 22 MILL ST UNIT 306 Arlington, MA
Owner: KATZ ALAN H TR
Co-Owner: TR OF THE LEGAL TRUST
Mailing Address:
10 APACHE TRAIL
ARLINGTON, MA 02474

Prop ID: 52.A-1-307
Prop Location: 22 MILL ST UNIT 307 Arlington, MA
Owner: MILL ST/BEACON ST LLC
Co-Owner:
Mailing Address:
22 MILL STREET SUITE 307
ARLINGTON, MA 02476

Prop ID: 52.A-1-308
Prop Location: 22 MILL ST UNIT 308 Arlington, MA
Owner: JACQUES MICHAEL F/SHARON W
Co-Owner:
Mailing Address:
127 NONSET PATH
ACTON, MA 01720

Prop ID: 52.A-1-309
Prop Location: 22 MILL ST UNIT 309 Arlington, MA
Owner: ZHANG YAO
Co-Owner:
Mailing Address:
81 MAPLE LANE
NORTHBOROUGH, MA 01532

Prop ID: 52.A-1-310
Prop Location: 22 MILL ST UNIT 310 Arlington, MA
Owner: FULLER MICHAEL J--M D
Co-Owner:
Mailing Address:
68 BRIDGE STREET
LEXINGTON, MA 02421

Prop ID: 52.A-1-4
Prop Location: 22 MILL ST UNIT 4 Arlington, MA
Owner: JACQUES MICHAEL F/ETAL
Co-Owner: JACQUES SHARON W
Mailing Address:
127 NONSET PATH
ACTON, MA 01720

Prop ID: 52.A-1-403
Prop Location: 22 MILL ST UNIT 403 Arlington, MA
Owner: GOHABA LLC
Co-Owner:
Mailing Address:
22 MILL ST UNIT 403
ARLINGTON, MA 02476

Prop ID: 52.A-1-405
Prop Location: 22 MILL ST UNIT 405 Arlington, MA
Owner: BLOCK D S-WOLF M TRS-ETAL
Co-Owner: LEVENDUSKY PHILIP--TRS
Mailing Address:
87 RICHFIELD RD
ARLINGTON, MA 02476

Prop ID: 52.A-1-406
Prop Location: 22 MILL ST UNIT 406 Arlington, MA
Owner: LEXI REALTY LLC
Co-Owner:
Mailing Address:
111 WILLARD ST
QUINCY, MA 02169

Prop ID: 52.A-1-407
Prop Location: 22 MILL ST UNIT 407 Arlington, MA
Owner: LEXI REALTY LLC
Co-Owner:
Mailing Address:
111 WILLARD STREET
QUINCY, MA 02169

Prop ID: 52.A-1-408
Prop Location: 22 MILL ST UNIT 408 Arlington, MA
Owner: BAILEY HAMILTON T JR&CAROLYNNE
Co-Owner: TRS/HAMILTON T BAILEY JR
Mailing Address:
420 SCHOOL STREET
CARLISLE, MA 01741

Prop ID: 52.A-1-409
Prop Location: 22 MILL ST UNIT 409 Arlington, MA
Owner: NEW ENGLAND MUSEUM ASSOC
Co-Owner:
Mailing Address:
22 MILL STREET UNIT 409
ARLINGTON, MA 02476

Prop ID: 52.A-1-410
Prop Location: 22 MILL ST UNIT 410 Arlington, MA
Owner: POWELL SANDRA R
Co-Owner:
Mailing Address:
101 SOUTH MAIN ST
RANDOLPH, MA 02368

Prop ID: 52.A-1-5
Prop Location: 22 MILL ST UNIT 5 Arlington, MA
Owner: JACQUES MICHAEL F
Co-Owner: JACQUES SHARON W
Mailing Address:
127 NONSET PATH
ACTON, MA 01720

APPENDIX 4

ABUTTER NOTIFICATION MODEL

Notification to Abutters Under the
Massachusetts Wetlands Protection Act
And Arlington Wetlands Protection Bylaw

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the Arlington Wetlands Protection Bylaw, you are hereby notified of the following:

The Conservation Commission will hold a public hearing in the second floor conference room of the Town Hall Annex, 730 Massachusetts Avenue, Arlington, on Thursday, May 17, 2018 at 8:30 PM in accordance with the provisions of the Mass. Wetlands Protection Act (M.G.L. Ch. 131, s. 40, as amended) and the Town of Arlington Bylaws Article 8, Bylaw for Wetland Protection, for a Notice of Intent (or Request for Determination of Applicability) from Highrock Church Inc., for the relocation of Highrock Covenant Church at 10,12,14-16 Mill Street, within 200 feet of the Mill Brook River, on Assessor's Property Map/s # 52, Lot/s # 1-18,1-12,1-19,1-20.D

A copy of the application and accompanying plans are available for inspection Mon. - Thurs. 8am-4pm and Fri. 8am-noon at the Conservation Commission office, first floor of the Town Hall Annex, 730 Massachusetts Avenue, Arlington, MA 02476.

For more information call the applicant at 617-348-3308 or the Arlington Conservation Commission at 781-316-3012, or the DEP Northeast Regional Office at 978-694-3200.

NOTE: Notice of the Public Hearing will be published at least five (5) business days in advance in *The Arlington Advocate* and will also be posted at least 48 hours in advance in the Arlington Town Hall.

****

The meeting information for your hearing is:

Date:

Time:

APPENDIX 6

LEGAL NOTICE CHARGE AUTHORIZATION

DATE:

TO: legals@wickedlocal.com

I hereby authorize Community Newspapers to bill me directly for the legal notice to be published in the Arlington Advocate newspaper on May 12, 2018 for a public hearing with the Arlington Conservation Commission to review a project at the following location: 10, 12, 14, 16 Mill Street, Arlington, MA

Thank you.

Signed:_____

Send bill to:

_____(Address)
_____
_____
_____(Phone)

SITE PLAN FOR PROPOSED RENOVATION 10, 12, 14, 16 MILL STREET ARLINGTON, MA.

FOR

HIGHROCK COVENANT CHURCH

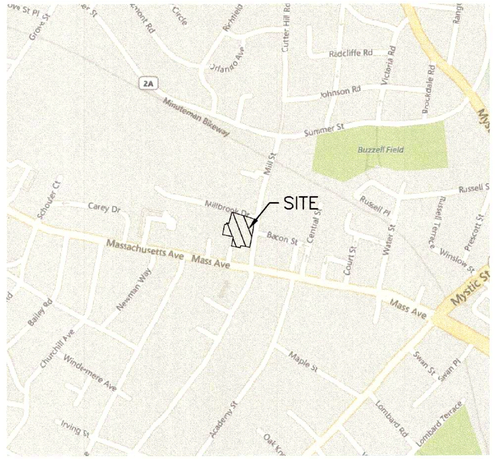
GENERAL NOTES:

1. EXISTING PROPERTY LINE AND UTILITY INFORMATION SHOWN IS BASED ON AN EXISTING SURVEY CONDUCTED BY HANCOCK ASSOCIATES REVISED THROUGH 01-20-14.
2. THE ACCURACY AND COMPLETENESS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION, SIZE, TYPE, ETC. OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THE WORK. AT LEAST 72 HOURS BEFORE EXCAVATION, THE CONTRACTOR SHALL BE REQUIRED TO CONTACT DIGSAFE AT 1-888-344-7233.
3. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE APPROPRIATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION.
5. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, PRIOR TO EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAVING.
6. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES EXCEPT THOSE NOTED TO BE ABANDONED, REMOVED AND DISPOSED.
7. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS AT HIS/HER OWN EXPENSE, OUTSIDE OF THE PROJECT LIMITS.

SHEET INDEX

SHEET 1	TITLE SHEET
SHEET 2	LAYOUT AND MATERIALS PLAN
SHEET 3	GRADING, DRAINAGE AND UTILITY SHEET
SHEET 4	DETAIL SHEET 1 OF 2
SHEET 5	DETAIL SHEET 2 OF 2

EXISTING CONDITIONS PLAN



LOCUS MAP
1"=500'

PROJECT TEAM:

APPLICANT
HIGHROCK CHURCH, INC.
735 MASSACHUSETTS AVENUE
ARLINGTON, MA 02474

SURVEYOR
HANCOCK ASSOCIATES
34 CHELMSFORD STREET
SUITE 2
CHELMSFORD, MA 01824

CIVIL ENGINEER
HOWARD STEIN HUDSON
114 TURNPIKE ROAD
SUITE 2C
CHELMSFORD, MA

ARCHITECT
MAUGEL ARCHITECTS, INC.
200 AYER ROAD
SUITE 200
HARVARD, MA 02451

OWNER

HIGHROCK CHURCH INC.
735 MASSACHUSETTS AVENUE
ARLINGTON, MA 02474

ASSESSORS INFORMATION

ASSESSORS MAP 52 BLOCK 1 LOT 12
ASSESSORS MAP 52 BLOCK 1 LOT 18
ASSESSORS MAP 52 BLOCK 1 LOT 19
ASSESSORS MAP 52 BLOCK 1 LOT 20.D

REFERENCES

1. EXISTING CONDITIONS SURVEY ENTITLED "EXISTING CONDITIONS PLAN OF LAND IN ARLINGTON MASSACHUSETTS" DATED DECEMBER 11, 2013 AND REVISED THROUGH JANUARY 20, 2014.

ZONING REQUIREMENTS

I – INDUSTRIAL DISTRICT
DIMENSIONAL REQUIREMENTS

	REQUIREMENT	EXISTING*	PROPOSED*
MINIMUM LOT AREA	–	–	–
MINIMUM LOT FRONTAGE	–	–	–
MINIMUM FRONT YARD	10 FT	0.5 FT±**	0.5 FT±**
MINIMUM SIDE YARD	10 FT	0 FT±**	0 FT±**
MINIMUM REAR YARD	10 FT	N/A	N/A
MAXIMUM STORIES	4	2	2
MAXIMUM BUILDING HEIGHT	52 FT	–	–
MAXIMUM FLOOR AREA RATIO	1.50	1.30±	1.38±

* DIMENSIONS FOUND BY COMBINING ASSESSORS MAP 52 BLOCK 1 LOTS 12, 18, 19 AND 20.D TO PROPERLY COMPARE BETWEEN EXISTING AND PROPOSED CONDITIONS.
** EXISTING NON-CONFORMING DIMENSION

PARKING REQUIREMENTS

THEATER, RESTAURANT, GYMNASIUM, AUDITORIUM OR SIMILAR PLACE OF PUBLIC ASSEMBLY WITH SEATING FACILITIES.

500 SEATS X 1 PARKING SPACE/4 SEATS = 125 PARKING SPACES

UNDER SEPARATE COVER

HOWARD STEIN HUDSON
114 Turnpike Road, Suite 2C
Chelmsford, MA 01824
www.hshassoc.com

PREPARED FOR:

DREW HUNTER
HIGHROCK CHURCH
14 MILL STREET
ARLINGTON, MA 02476

HIGHROCK CHURCH RENOVATION
10,12,14,16 MILL STREET
ARLINGTON, MA 02476

REVISIONS:

NO	BY	DATE	DESCRIPTION
1	KE	5-25-18	PER CON COM

5-25-18
KATIE L. ENRIGHT
CIVIL
No. 46111
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

SITE PLAN

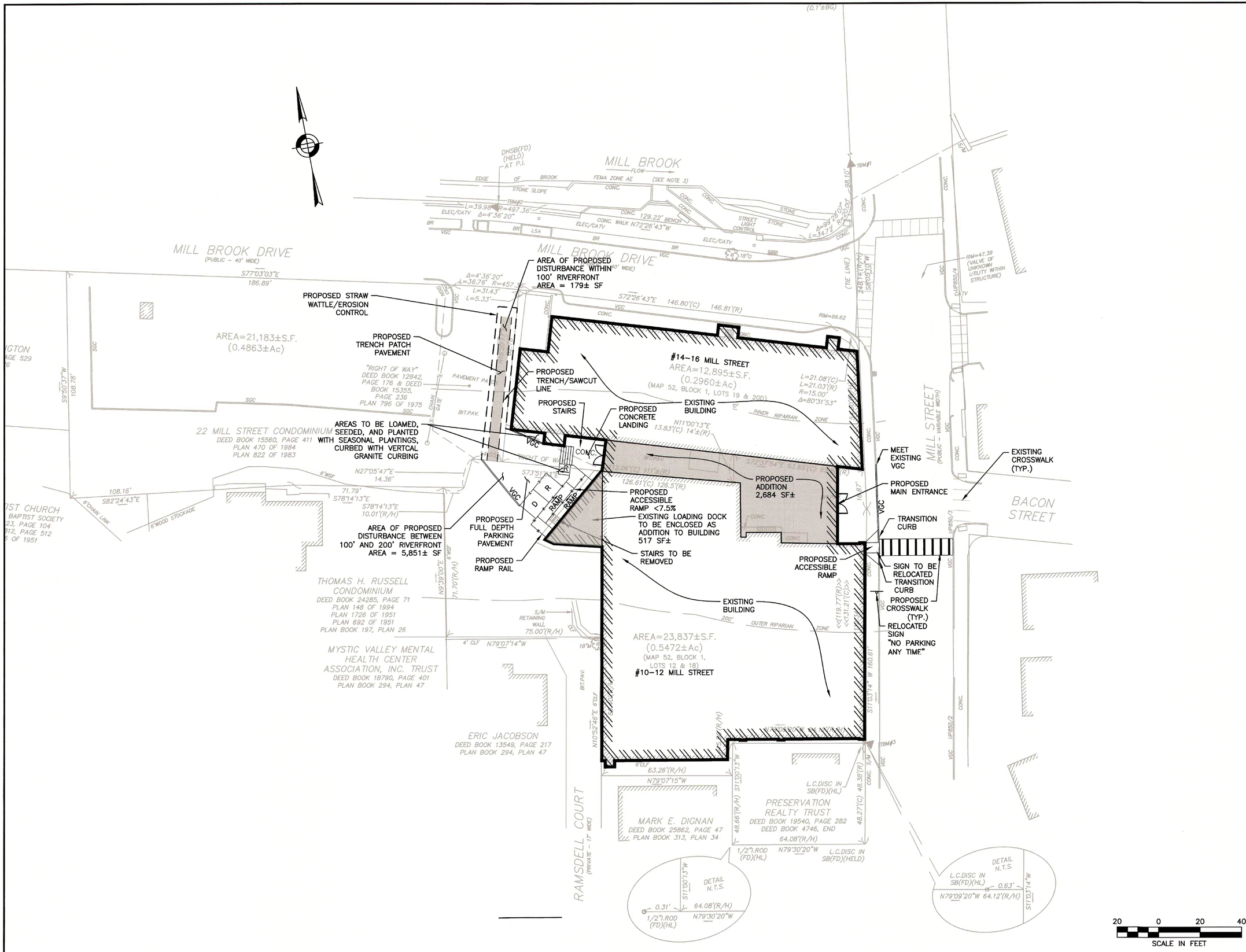
COVER SHEET

DATE:	APRIL 20, 2018
PROJECT NUMBER:	17222
DESIGNED BY:	KE
DRAWN BY:	KF
CHECKED BY:	KE

1

SHEET 1 OF 5

5/29/2018 M:\17222\CURRENT\17222 Site Plan.dwg
Kasey Ferreira



HOWARD STEIN HUDSON
114 Turnpike Road, Suite 2C
Chelmsford, MA 01824
www.hshassoc.com

PREPARED FOR:

DREW HUNTER
HIGHROCK CHURCH
14 MILL STREET
ARLINGTON, MA 02476

HIGHROCK CHURCH RENOVATION

10,12,14,16 MILL STREET
ARLINGTON, MA 02476

REVISIONS:

NO	BY	DATE	DESCRIPTION
1	KE	5-25-18	PER CON COM

COMMONWEALTH OF MASSACHUSETTS
KATIE L. ENRIGHT
CIVIL
No. 46111
REGISTERED PROFESSIONAL ENGINEER

SITE PLAN

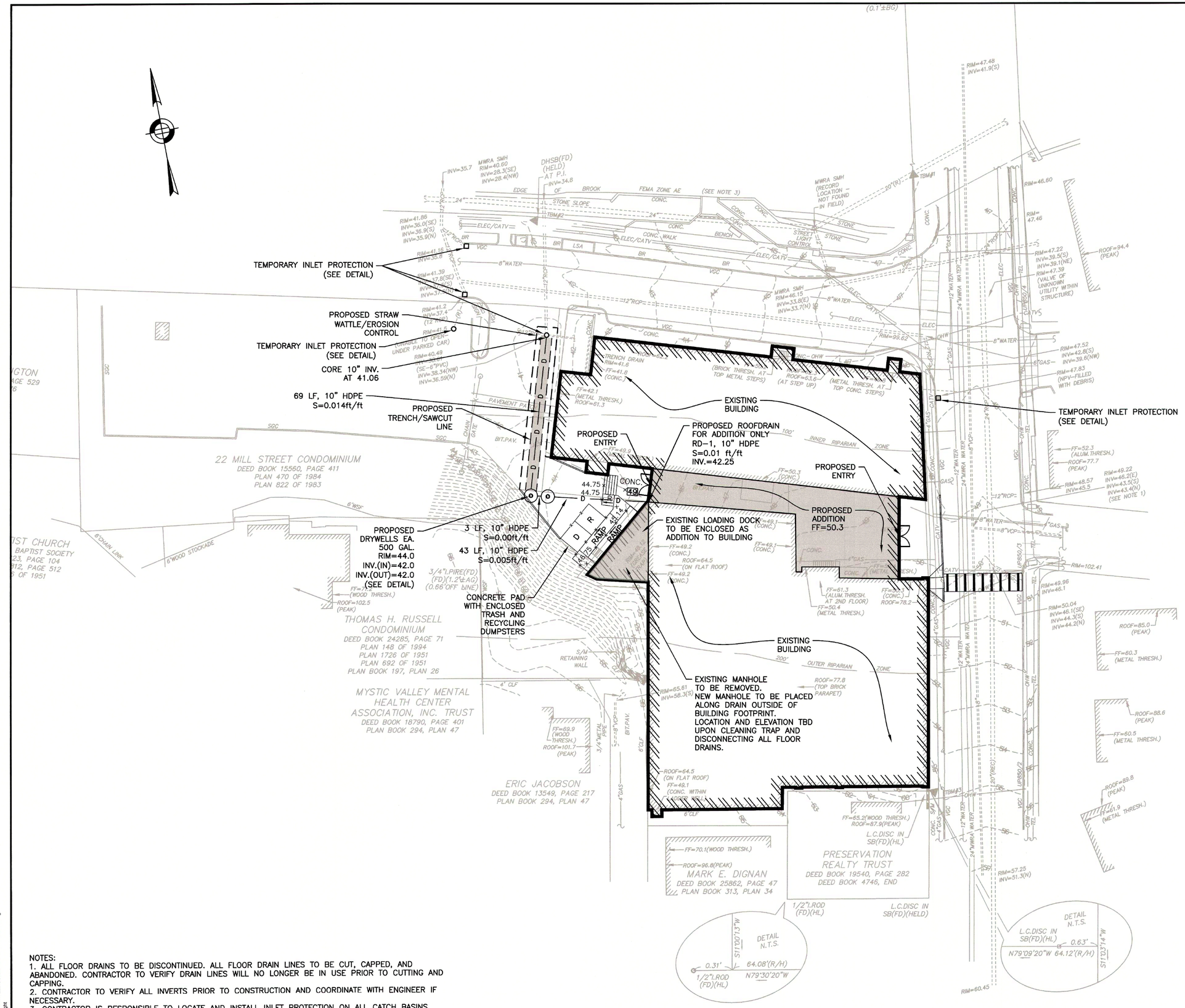
LAYOUT AND MATERIALS PLAN

DATE:	APRIL 20, 2018
PROJECT NUMBER:	17222
DESIGNED BY:	KE
DRAWN BY:	KF
CHECKED BY:	KE

2

SHEET 2 OF 5

5/29/2018 M:\17222\CURRENT\17222 Site Plan.dwg
Kelsey Ferreira



NOTES:
1. ALL FLOOR DRAINS TO BE DISCONTINUED. ALL FLOOR DRAIN LINES TO BE CUT, CAPPED, AND ABANDONED. CONTRACTOR TO VERIFY DRAIN LINES WILL NO LONGER BE IN USE PRIOR TO CUTTING AND CAPPING.
2. CONTRACTOR TO VERIFY ALL INVERTS PRIOR TO CONSTRUCTION AND COORDINATE WITH ENGINEER IF NECESSARY.
3. CONTRACTOR IS RESPONSIBLE TO LOCATE AND INSTALL INLET PROTECTION ON ALL CATCH BASINS DOWNSLOPE FROM WORK SITE PRIOR TO CONSTRUCTION.72 of 230

5/25/2018 M:\17222\CURRENT\17222 Site Plan.dwg
Katie Enright

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1	KE	5-25-18	PER CON COM

5-25-18
COMMONWEALTH OF MASSACHUSETTS
KATIE L. ENRIGHT
CIVIL
No. 41111
REGISTERED PROFESSIONAL ENGINEER

SITE PLAN

GRADING, DRAINAGE, AND UTILITIES PLAN

DATE:	APRIL 20, 2018
PROJECT NUMBER:	17222
DESIGNED BY:	KE
DRAWN BY:	KF
CHECKED BY:	KE

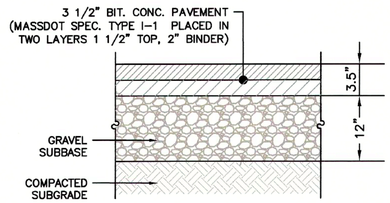
3

EROSION AND SEDIMENT CONTROL NOTES

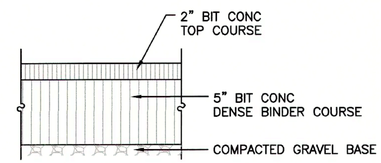
1. EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED AND UPGRADED AS NECESSARY DURING CONSTRUCTION BY THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND INSTALL ADDITIONAL CONTROL MEASURES AS NEEDED DURING CONSTRUCTION.
2. ALL CATCH BASINS RECEIVING DRAINAGE FROM THE PROJECT SITE MUST BE PROVIDED WITH A CATCH BASIN FILTER.
3. STABILIZATION OF ALL RE–GRADED AND SOIL STOCKPILE AREAS MUST BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
4. SEDIMENT REMOVED FROM EROSION AND SEDIMENT CONTROL DEVICES MUST BE PROPERLY REMOVED AND DISPOSED. ALL DAMAGED CONTROLS MUST BE REMOVED AND REPLACED.
5. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE PROPER CITY AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING WIND EROSION AND DUST THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL MAY INCLUDE, BUT IS NOT LIMITED TO, SPRINKLING OF WATER ON EXPOSED SOILS AND STREET SWEEPING ADJACENT ROADWAYS.
7. IF FINAL GRADING IS TO BE DELAYED FOR MORE THAN 21 DAYS AFTER LAND DISTURBANCE ACTIVITIES CEASE, TEMPORARY VEGETATION OR MULCH SHALL BE USED TO STABILIZED SOILS WITHIN 14 DAYS OF THE LAST DISTURBANCE.
8. IF A DISTURBED AREA WILL BE EXPOSED FOR GREATER THAN ONE YEAR, PERMANENT GRASSES OR OTHER APPROVED COVER MUST BE INSTALLED.
9. THE CONTRACTOR MUST KEEP ON–SITE AT ALL TIMES ADDITIONAL SILT FENCE AND HAY BALES FOR THE INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE CITY TO MITIGATE ANY EMERGENCY CONDITION.
10. THE CONSTRUCTION FENCING AND EROSION AND SEDIMENT CONTROLS AS SHOWN MAY NOT BE PRACTICAL DURING ALL STAGES OF CONSTRUCTION. EARTHWORK ACTIVITY ON–SITE MUST BE DONE IN A MANNER SUCH THAT RUNOFF IS DIRECTED TO A SEDIMENT CONTROL DEVICE OR INFILTRATED TO THE GROUND.
11. DEMOLITION AND CONSTRUCTION DEBRIS MUST BE PROPERLY CONTAINED AND DISPOSED OF.
12. DISPOSAL OF ALL DEMOLISHED MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE HAULED OFF–SITE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.
13. DURING CONSTRUCTION, EVERY EFFORT SHALL BE MADE TO MINIMIZE CONSTRUCTION WASTE AND DEBRIS.
14. EVERY EFFORT SHALL BE MADE TO MINIMIZE AIR POLLUTION, SEDIMENTATION, WIND EROSION, DUST, AND CONSTRUCTION DEBRIS TO MAINTAIN A HEALTHY CONSTRUCTION ENVIRONMENT.

GENERAL CONSTRUCTION SEQUENCE

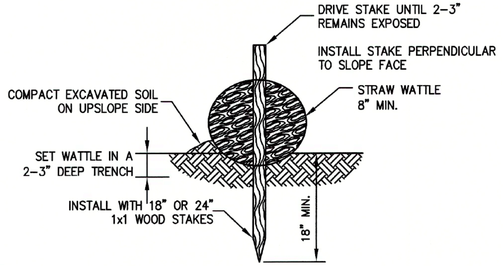
1. INSTALL EROSION AND SEDIMENT CONTROLS PRIOR TO STARTING ANY EARTHWORKS ACTIVITY.
2. INSTALL/UPGRADE SITE FURNISHINGS.
3. INSTALL PAVEMENT AND CURBS.
4. EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED UNTIL PERMANENT COVER IS ESTABLISHED.



FULL DEPTH PARKING LOT SECTION DETAIL
NOT TO SCALE

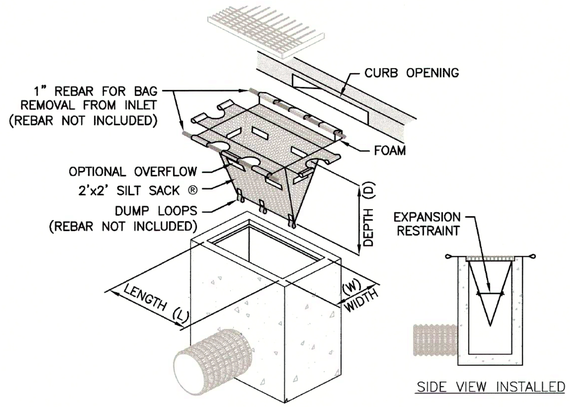


TRENCH PATCH DETAIL
NOT TO SCALE

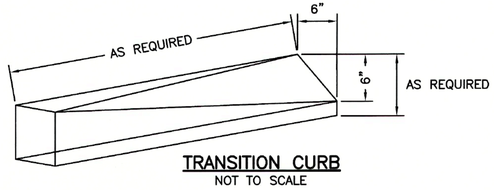


NOTES:
1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2–3"(5–7.5 CM) DEEP X 9"(22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP–SLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 18–24" (45.7–61 CM) STAKES EVERY 3–4' (0.9 – 1.2 M) AND WITH A STAKE ON EACH END. (STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2–3" (5–7.5 CM) OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.

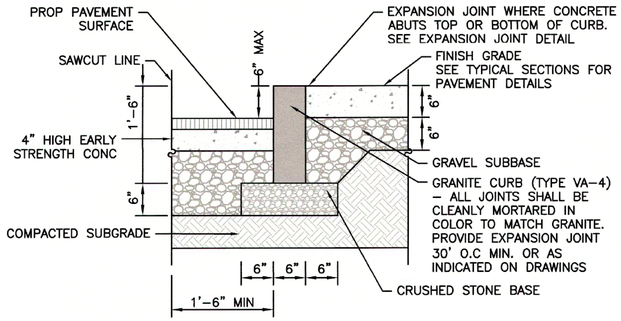
STRAW WATTLE DETAIL
NOT TO SCALE



TEMPORARY INLET PROTECTION
NOT TO SCALE

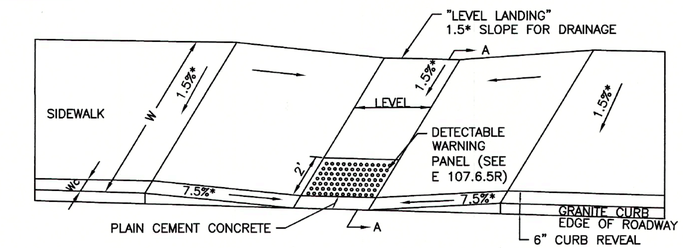


TRANSITION CURB
NOT TO SCALE



NOTE: USE 2" BIT. CONC. TOP COURSE ABOVE HIGH EARLY STRENGTH CONCRETE FOR RESETTING CURBS

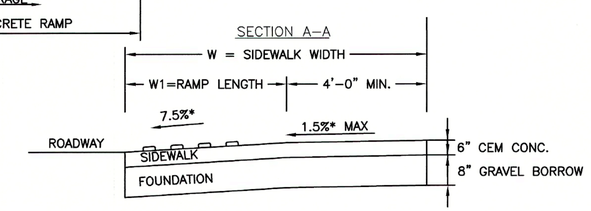
VERTICAL GRANITE CURB
NOT TO SCALE



LEGEND:

HSL	=	HIGH SIDE TRANSITION (SEE E 107.9.0R)
W	=	SIDEWALK WIDTH
Wc	=	CURB WIDTH
W1	=	PERPENDICULAR RAMP LENGTH
CC	=	CEMENT CONCRETE
*	=	TOLERANCE FOR CONSTRUCTION ±0.5%

USEABLE SIDEWALK WIDTH PER AAB = W–WC
RAMP LENGTH = W1 = W – 4"–0" MIN



WHEELCHAIR RAMPS ON NARROW SIDEWALK WITH DETECTABLE WARNING PANEL (E107.2.1R)
NOT TO SCALE

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ARLINGTON, MA 02476

HIGHROCK CHURCH RENOVATION
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ARLINGTON, MA 02476

REVISIONS:

NO	BY	DATE	DESCRIPTION
1	KE	5-25-18	PER CON COM

KATIE L ENRIGHT CIVIL No. 43111 REGISTERED PROFESSIONAL ENGINEER 5/29/18

SITE PLAN

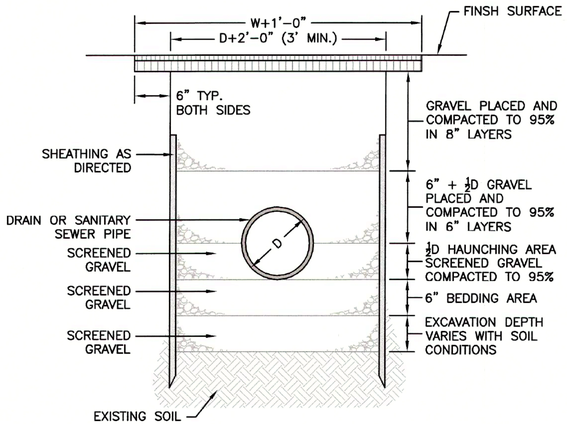
DETAIL SHEET 1 OF 2

DATE:	APRIL 20, 2018
PROJECT NUMBER:	17222
DESIGNED BY:	KE
DRAWN BY:	KF
CHECKED BY:	KE

4

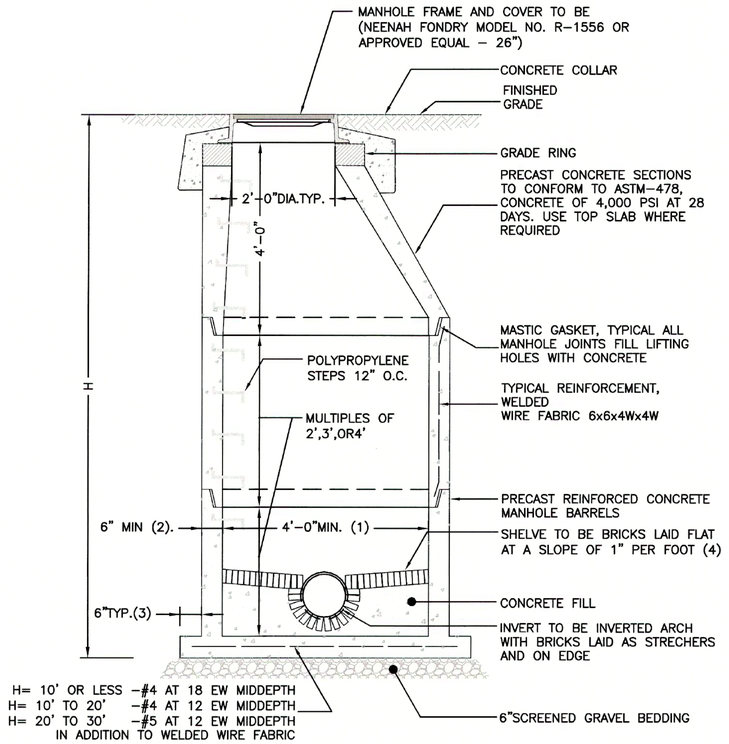
SHEET 4 OF 5

5/29/2018 M:\17222\CURRENT\17222 Site Plan.dwg
Kasey Ferreira



TRENCH DETAIL – DRAIN & SANITARY SEWER

NOT TO SCALE



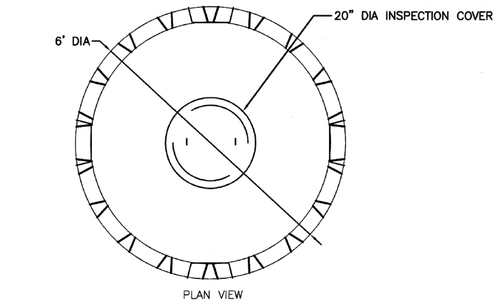
H= 10' OR LESS –#4 AT 18 EW MIDDEPTH
H= 10' TO 20' –#4 AT 12 EW MIDDEPTH
H= 20' TO 30' –#5 AT 12 EW MIDDEPTH
IN ADDITION TO WELDED WIRE FABRIC

NOTES:

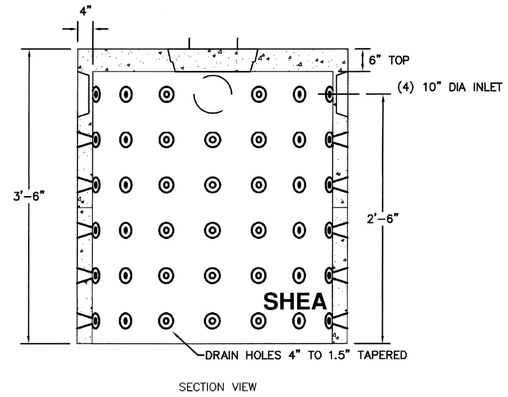
1. 5'–0" DIAMETER FOR ALL MANHOLE DEPTHS GREATER THAN 20 FEET OR WHEN ORDERED BY THE ENGINEER.
2. 6 INCH MIN. WALL THICKNESS AND 7 INCH MIN. BASE THICKNESS WITH 5'–0" DIAMETER MANHOLES.
3. 6 INCH LIP OPTIONAL UNLESS OTHERWISE NOTED. CONCRETE INVERT AND SHELF MAY BE SUBSTITUTED IN STORM DRAIN MANHOLES AS DIRECTED BY THE ENGINEER.

PRECAST CONCRETE MANHOLE

NOT TO SCALE



PLAN VIEW



SECTION VIEW

NOTES:

1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. AVAILABLE IN H–20 LOADING.
3. CAPACITY INCREASES IN INCREMENTS OF 500 GALLONS FOR EACH 3' SECTION ADDED.

	ITEM NO.		WEIGHT
1000 GALLON	DW–1000SDW	STANDARD	6,778#
	DW–1000SDWH	H–20	6,778#
3' STACKABLE	DW–3SS		2,008#

PRECAST CONCRETE DRYWELL

NOT TO SCALE

SHAE CONRETE PDOCUTS™

HOWARD STEIN HUDSON
114 Turnpike Road, Suite 2C
Chelmsford, MA 01824
www.hshassoc.com

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REVISIONS:

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COMMONWEALTH OF MASSACHUSETTS
KATIE L. ENRIGHT
CIVIL
No. 40111
REGISTERED PROFESSIONAL ENGINEER
5-25-18

SITE PLAN

DETAIL SHEET
2 OF 2

DATE:	APRIL 20, 2018
PROJECT NUMBER:	17222
DESIGNED BY:	KE
DRAWN BY:	KF
CHECKED BY:	KE

5

SHEET 5 OF 5

5/25/2018 M:\17222\CURRENT\17222 Site Plan.dwg
Katie Enright

HOWARD STEIN HUDSON

May 29, 2018

Town of Arlington Conservation Commission
730 Massachusetts Ave.
Arlington, MA 02476

Re: Notice of Intent, Highrock Covenant Church, Arlington, MA

Dear Members of the Commission:

Howard Stein Hudson, on behalf of Highrock Church, submit the following projects updates for the project located at 10, 12, 14-16 Mill Street, previously heard by the Conservation Commission on May 17, 2018.

With this letter please find an updated Site Plan per Conservation Commission comments at the previous hearing, a technical memorandum regarding the use and design of drywells for the subject project, as well as an Energy and Environmental Memorandum provided by Maugel Architects to address some architectural concerns raised by the commission at the previous hearing.

Please do not hesitate to contact Howard Stein Hudson's Chelmsford office with any questions or concerns regarding this application update at (617)-348-3308 or Kenright@hshassoc.com.

Sincerely,

Howard Stein Hudson

Kasey Ferreira, E.I.T.
Civil Engineer

Katie Enright, P.E.
Associate Principal / Senior Civil Engineer

TO:	Arlington Conservation Commission	DATE:	May 25, 2018
FROM:	Katie Enright, P.E.	HSH PROJECT NO.:	17222
SUBJECT:	Drywell Calculations		

Standard 3: Minimize or eliminate loss of annual recharge to groundwater

In an effort to add recharge to the existing redevelopment project, the stormwater management system has been designed to capture and infiltrate runoff required from the new impervious roof surface connecting the existing structures.

Rv = F x impervious area
Rv = Required Recharge Volume, expressed in Ft^3, cubic yards, or acre-feet
F= Target Depth Factor associated with each Hydrologic Soil Group
Impervious Area = net new impervious area in the post development condition

All Soils in the area of the development are classified as Urban Fill. For this exercise we will conservatively assume Hydrologic Soil Group B.

Rv=0.35 in * 2,684 sf new roof area * 1 ft / 12 in = 78.3 cf recharge required
(No *net new impervious area is proposed.)*

Static Volume provided = the volume of the recharge structure

Volume provided in infiltration system = Proposed Drywell = 3 ft section = 3.14 x (2.66^2) x 2 = 44.45 cf each below the outlet.

Two drywells provide = 88.9 cf of static storage

88.9 cf > 78.3 cf Recharge Requirement Met

The drywell has been designed to capture and handle, without exfiltration considered, approximately 0.35 inches of rainfall over the new rooftop.

No increase in impervious surfaces are proposed, therefore there can be no increase in runoff from the subject project.

The design of the basins have conservatively considered the 100 yr floodplain elevation at elevation 37 as the assumed max water table elevation for this design.

The profile for the drywell will include a base drywell elevation of 39 with a 3 foot drywell section set on 6" of stone, establishing the top of the drywell at elevation at 42.5 and the proposed rim at grade and 44.

Design Approach: Resource & Environmental Conservation

Maugel Architects promotes energy efficient building solutions through responsible envelope design of building exteriors, and through collaborating with engineering partners that assist in evaluating and specifying systems to maximize resource efficiency. We also work closely with construction partners to assist our clients in making educated financial decisions regarding design and construction opportunities that employ efficient use of fuels and resources.

We will collaborate with Highrock Church to propose, discuss, and evaluate sustainable design approaches that might be incorporated within its project. As a baseline, our design approach will include the following components:

FUNDAMENTAL

- Reuse and rehabilitation of existing buildings and building materials
- Proper removal or containment of any hazardous materials found to be of concern
- Provide for the collection of recycled materials in both workspace and social areas
- Eliminate building uses that employ a high concentration chemicals

SITE

- Install bike racks
- Use of low maintenance planters to define outdoor areas, assist with drainage, and reduce heat
- Design for pedestrian access from multiple directions
- Specify dark sky compliant exterior lighting
- Improved storm water management – refer to Civil engineering documents

BUILDING ENVELOPE

- Dramatically enhance the thermal performance of affected exterior wall and roof assemblies
- Use of natural daylighting where appropriate
- Consider use of gray membrane roofing materials
- Provide new, energy-efficient windows and door systems

MECHANICAL

- Provide opportunities for natural ventilation
- System zoning to minimize conditioning required in unoccupied building areas
- High efficiency heating systems
- Energy recovery ventilator(s) / Equipment with "economizer" modes

ELECTRICAL

- Use of LED lighting where applicable
- Daylighting sensors and occupancy controls for interior lighting
- Use of Energy Star or similar new equipment and appliances

PLUMBING

- Water conserving toilets
- Low flow sink faucets (metering to be considered)
- Provide a water bottle fill station
- High-efficiency and possibly on-demand hot water heater(s)

FINISHES

- Specify 'low' or preferably 'no' VOC products
- Use materials with recycled content where applicable
- Specify durable finishes where appropriate to minimize replacement and maintenance
- Use walk-off matts and/or grilles to capture soils at building entrances

CARLISLE
CONSTRUCTION MATERIALS

Dear Industry Professional,

The enclosed article, "White roofing isn't always green, Virginia Tech study confirms," presents new scientific evidence regarding the unintended consequences of reflected heat energy from white membranes on low-slope commercial buildings. White roofs of all types have held the perception of being environmentally superior without a full understanding of the effect of reflecting heat energy into the atmosphere or onto adjacent surfaces.

In fact, government-sponsored programs like the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) program, the ENERGY STAR® Cool Roof program, or city-wide cool roof programs either incentivize or mandate cool reflective roofs without regard for geography, climate, building orientation, or building use. International ASHRAE 90.1 energy standards for commercial buildings go as far as mandating cool reflective roofs for entire climate zones. The enclosed article by Marya Barlow, Communications Director at the Virginia Tech College of Architecture and Urban Studies, shines some light on the subject and presents evidence that when it comes to commercial buildings and the environment, things are not always so black and white.

The article is based on a study of the low-slope roof on the Virginia Tech vet school's small animal hospital. This environment offered an ideal location because the roof's surface was situated between an opaque west/southwest-facing wall and a glazed west-facing wall. The study was conducted using 126 sensors that were installed to measure surface and air temperatures and were tested at multiple roof locations on both black EPDM and white TPO membranes.

Attempting to control as many variables as possible during the study, the researchers came to some conclusions that challenge popular beliefs on black and white rooftops. They concluded that, as expected, the dark gray or black EPDM roof surface did get hotter, which can lead to lower heating costs, less snow loading, and faster drying of the roof. While the TPO white roof membrane remained cooler on the surface, it had a heating impact on the electrical metallic tubing, windows, and the glazed and precast concrete walls, which resulted in a heat increase that was 3 to 9 degrees Fahrenheit warmer than those near the dark-colored EPDM roof. A Stanford University study also stated that reflected heat energy from white roofs mixes with black and brown soot particles and may actually increase global warming.

The Virginia Tech study suggested that from an environmental and energy efficiency perspective, white or cool roofs should not be perceived as a universal panacea without regard for the design of the building, geographical location, climate, and building use. More research, discussion, and general consideration for climate-specific roof design is needed from local architects and design professionals to maximize benefits to the building owner and the environment.

Sincerely,

Ronald L. Goodman

Ronald L. Goodman

EPDM Marketing Manager

P.O. Box 7000 Carlisle, PA 17013 Phone: 800.453.2554 Fax: 717.245.7053 www.CarlisleConstructionMaterials.com

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
091-0294
MassDEP File #

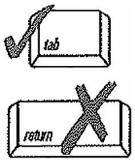
eDEP Transaction #

Arlington
City/Town

A. General Information

Please note: this form has been modified with added space to accommodate the Registry of Deeds Requirements

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. From: Arlington
Conservation Commission

2. This issuance is for (check one): a. ☒ Order of Conditions b. ☐ Amended Order of Conditions

3. To: Applicant:

Drew
a. First Name

Hunter
b. Last Name

Highrock Church Inc.
c. Organization

735 Massachusetts Avenue
d. Mailing Address

Arlington
e. City/Town

MA
f. State

02476
g. Zip Code

4. Property Owner (if different from applicant):

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

5. Project Location:

10, 12, 14-16 Mill St & 0 Mill Brook Dr.
a. Street Address

Arlington
b. City/Town

52
c. Assessors Map/Plat Number

Block 1, Lots 18, 12, 19, 20.D
d. Parcel/Lot Number

Latitude and Longitude, if known: 42d417m327s
d. Latitude

-71d158m173s
e. Longitude

A. General Information (cont.)

6. Property recorded at the Registry of Deeds for (attach additional information if more than one parcel):

Middlesex
a. County

b. Certificate Number (if registered land)

63168 / 62546
c. Book

556 / 250
d. Page

7. Dates: 3/20/2018 a. Date Notice of Intent Filed; 5/3/2018 b. Date Public Hearing Closed; 6/21/2018 c. Date of Issuance

8. Final Approved Plans and Other Documents (attach additional plan or document references as needed):

Site Plan for Proposed Relocation of Highrock Covenant Church
a. Plan Title

Howard Stein Hudson
b. Prepared By

Katie Enright, P.E.
c. Signed and Stamped by

5/25/2018
d. Final Revision Date

1"=20'
e. Scale

Supplemental Data Report
f. Additional Plan or Document Title

April 2018
g. Date

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act:

Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act (the Act). Check all that apply:

a. ☒ Public Water Supply
b. ☐ Land Containing Shellfish
c. ☒ Prevention of Pollution
d. ☒ Private Water Supply
e. ☐ Fisheries
f. ☒ Protection of Wildlife Habitat
g. ☒ Groundwater Supply
h. ☒ Storm Damage Prevention
i. ☒ Flood Control

2. This Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

a. ☒ the following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.

B. Findings (cont.)

Denied because:

b. ☐ the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**

c. ☐ the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**

3. ☒ Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a) — 62 a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. ☐ Bank	a. linear feet	b. linear feet	c. linear feet	d. linear feet
5. ☐ Bordering Vegetated Wetland	a. square feet	b. square feet	c. square feet	d. square feet
6. ☐ Land Under Waterbodies and Waterways	a. square feet	b. square feet	c. square feet	d. square feet
	e. c/y dredged	f. c/y dredged		
7. ☐ Bordering Land Subject to Flooding	a. square feet	b. square feet	c. square feet	d. square feet
Cubic Feet Flood Storage	e. cubic feet	f. cubic feet	g. cubic feet	h. cubic feet
8. ☐ Isolated Land Subject to Flooding	a. square feet	b. square feet		
Cubic Feet Flood Storage	c. cubic feet	d. cubic feet	e. cubic feet	f. cubic feet
9. ☒ Riverfront Area	6030 a. total sq. feet	6030 b. total sq. feet		
Sq ft within 100 ft	179 c. square feet	179 d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	5851 g. square feet	5851 h. square feet	i. square feet	j. square feet

B. Findings (cont.)

Coastal Resource Area Impacts: Check all that apply below. (For Approvals Only)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. ☐ Land Under the Ocean	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
12. ☐ Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. ☐ Coastal Beaches	a. square feet	b. square feet	c. nourishment (cu yd)	d. nourishment (cu yd)
14. ☐ Coastal Dunes	a. square feet	b. square feet	c. nourishment (cu yd)	d. nourishment (cu yd)
15. ☐ Coastal Banks	a. linear feet	b. linear feet		
16. ☐ Rocky Intertidal Shores	a. square feet	b. square feet		
17. ☐ Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
18. ☐ Land Under Salt Ponds	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
19. ☐ Land Containing Shellfish	a. square feet	b. square feet	c. square feet	d. square feet
20. ☐ Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	a. c/y dredged	b. c/y dredged		
21. ☐ Land Subject to Coastal Storm Flowage	a. square feet	b. square feet		
22. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet

B. Findings (cont.)

* #23. If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c (BVW) or B.17.c (Salt Marsh) above, please enter the additional amount here.

23. ☐ Restoration/Enhancement *:

a. square feet of BVW | b. square feet of salt marsh

24. ☐ Stream Crossing(s):

a. number of new stream crossings | b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
   a. The work is a maintenance dredging project as provided for in the Act; or
   b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
   c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on 6/21/2021 unless extended in writing by the Department.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.

C. General Conditions Under Massachusetts Wetlands Protection Act

8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.

9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.

10. A sign shall be displayed at the site not less then two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MassDEP"]

"File Number 91-0294 "

11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.

12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.

13. The work shall conform to the plans and special conditions referenced in this order.

14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.

15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.

18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.

19. The work associated with this Order (the "Project")
    (1) ☒ is subject to the Massachusetts Stormwater Standards
    (2) ☐ is NOT subject to the Massachusetts Stormwater Standards

    If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

    a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.

    b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:
    i. all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;
    ii. as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;
    iii. any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement) for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:

i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and

ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.

d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.

e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 18(f) through 18(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 18(f) through 18(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.

f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

g) The responsible party shall:
1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.

h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.

i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.

j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.

k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.

l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):
See Attached Findings and Conditions

20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.

D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? ☒ Yes ☐ No

2. The Arlington hereby finds (check one that applies):
   Conservation Commission

   a. ☐ that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw, specifically:

   _____ (1. Municipal Ordinance or Bylaw) _____ (2. Citation)

   Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

   b. ☒ that the following additional conditions are necessary to comply with a municipal ordinance or bylaw:
   Arlington Bylaw for Wetlands Protection (1. Municipal Ordinance or Bylaw) Title V, Art 8 (2. Citation)

3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.
   The special conditions relating to municipal ordinance or bylaw are as follows (if you need more space for additional conditions, attach a text document):
   See attached Findings and Conditions

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 5 – Order of Conditions
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
091-0294
MassDEP File #

eDEP Transaction #

Arlington
City/Town

E. Signatures

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

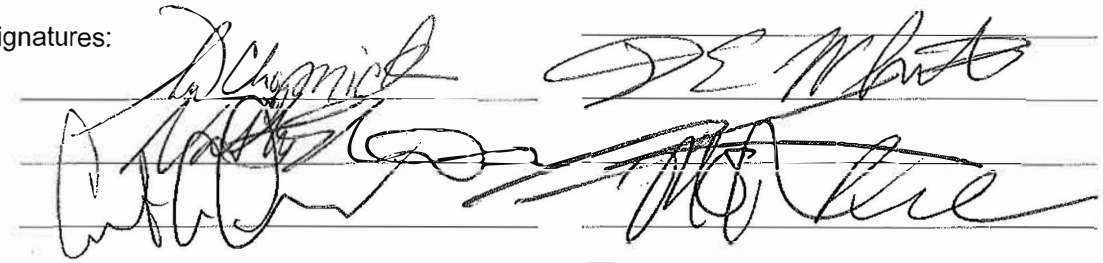
6/21/2018
1. Date of Issuance

Please indicate the number of members who will sign this form.
This Order must be signed by a majority of the Conservation Commission.

5
2. Number of Signers

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office, if not filing electronically, and the property owner, if different from applicant.

Signatures:



☒ by hand delivery on
6/22/2018
Date

☐ by certified mail, return receipt requested, on

Date

F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.

DOCUMENTS REVIEWED

1. Notice of Intent for work at 10, 12, 14, 16 Mill Street, Arlington, MA, prepared by Howard Stein Hudson, for the Applicant: Drew Hunter/Highrock Church, dated April 26, 2018.

2. Supplemental Data Report accompanying Notice of Intent.

3. Checklist for Stormwater Report, signed 4/26/18 by Katie Enright, P.E.

4. Site Plan (5 sheets) accompanying Notice of Intent, prepared by Howard Stein Hudson and stamped by Katie Enright, P.E., dated April 20, 2018.

5. USGS Locus Topographic Map created by Howard Stein Hudson, no date.

6. Flood Insurance Rate Map, Panel 416 of 656, Map Number 25017C0416E, Effective Date June 4, 2010.

7. Site Photos (29).

8. Revised Site Plan, prepared by Howard Stein Hudson and stamped by Katie Enright, dated 5/25/2018.

9. Energy and Environmental Memo provided by Maugel Architects, 6 pages.

PROCEDURAL SUMMARY

The Conservation Commission held a public hearing on the Notice of Intent on May 17, 2018. The Commission closed the hearing on June 7, 2018, deliberated and voted 5-0, with 2 members abstaining, to approve the Project with conditions under the Wetlands Protection Act (the "Act") and voted 5-0, with 2 members abstaining, to approve the Project with conditions under the Arlington Wetlands Protection Bylaw (the "Bylaw").

FINDINGS OF FACT AND LAW UNDER ARLINGTON WETLANDS PROTECTION BYLAW AND WETLANDS PROTECTION ACT

A. The Project as approved involves the redevelopment of two buildings along Mill Street. The roof at 10-12 Mill Street will be raised and an addition will be added between the existing buildings to create connectivity. The area between these buildings is currently an impervious parking lot and impervious surface area will not increase as a result of this project. The building addition consists of 2,684 square feet and the following site developments: two accessible ramps with a crosswalk across Mill Street and vertical granite curbing in the pre-existing parking lot. The following improvements will be constructed as a result of the project:

65 feet of pervious surface; 165 square feet of permanent planting area; grey roofing material; and 2 dry wells.

B. The Project site is approximately 0.85 acres, located on the corner of Mill Street and Mill Brook Drive. The Mill Brook parallels the northern property boundary and is a perennial stream.

C. The following Resource Areas are present on the site or within 200 feet of the lot lines: perennial stream, Bordering Vegetated Wetland ("BVW"), Bank to stream and BVW, Adjacent Upland Resource Area ("AURA") (Bylaw) and Buffer Zone (Act) to Bank and BVW, and Riverfront Area. The Commission finds accurate the delineation of Resource Areas shown on the approved Site Plan.

D. Because work proposed does not increase impervious surface and construction occurs primarily in the last 50 feet of the Buffer Zone, the Commission finds the project meets the performance standards for work in a Riverfront Area.

E. No existing trees or shrubs will be removed or relocated. A minimum of 165 square feet of planting area will be added to the site.

F. The Resource Areas on and adjacent to the Property are significant to the Resource Area values protected by the Act and by the Bylaw, as specified in the Bylaw Regulations and 310 CMR 10.00 for each Resource Area.

G. Based on the testimony at the public hearing, and review of the application materials and the documents listed above submitted during the public hearing, the Commission concludes that the proposed Project will not alter Resource Areas under the Act and Bylaw, the work as conditioned will not have significant or cumulative effects upon the interests of the Wetlands Protection Act or the Resource Area values of the Arlington Wetlands Bylaw when the conditions imposed are implemented to protect the Resource Area values. With the conditions contained herein, the Project meets the performance standards in the Bylaw Regulations and state Wetlands Regulations, 310 CMR 10.00.

Additional Special Conditions

In addition to the General Conditions (numbered 1 – 20 above), the Project is subject to the following Additional Special Conditions (under both the Act and Bylaw):

21. Work permitted by this Order and Permit shall conform to the Notice of Intent, the approved plans and documents (listed above), and oral representations (as recorded in hearing minutes) submitted or made by the Applicant and the Applicant's agents or representatives, as well as any plans and other data, information or representations submitted per these Conditions and approved by the Commission.

22. The provisions of this Order and Permit shall apply to and be binding upon the Applicant and Applicant's assignees, tenants, property management company, employees, contractors, and agents.

23. No work shall be started under this Order until: (a) all other required permits or approvals have been obtained and (b) the appeal period of ten (10) business days from the date of issue of this Order has expired without any appeal being filed and (c) this Order has been recorded in the Registry of Deeds. No work shall be started under this Permit until all other necessary permits or approvals have been obtained.

24. The Applicant shall ensure that a copy of this Order of Conditions and Permit for work, with any referenced plans, is available on site at all times, and that contractors, site managers, foremen, and sub-contractors understand its provisions.

25. Prior to starting work, the Applicant shall submit to the Commission the names and 24-hour phone numbers of project managers or the persons responsible for site work or mitigation.

26. Before work begins, erosion and sediment controls shall be installed at the limits of the work area. These will include a silt fence and 12 inch straw or silt wattle around the entire work area (haybales are not allowed and silt socks are preferred).

27. The contractor shall contact the Conservation Agent (lshepherd@town.arlington.ma.us; 781-316-3012) to arrange for a pre-construction meeting with the on-site project manager to walk through the Order of Conditions, confirm the wash out location, and walk the site to confirm the installation and placement of erosion controls prior to the start of any grading or construction work.

28. The contractor shall provide written Notice of the work start date to the Conservation Agent 48 hours prior to start of work.

29. All dumpsters must be covered at the end of each work day, and no dumpsters will be allowed overnight within the 100 foot Buffer Zone or Adjacent Upland Resource Areas ("AURA") or other Resource Areas.

30. No uncovered stockpiling of materials shall be permitted overnight within 100 feet of any waterway or water body.

31. Areas that are disturbed by construction and access activities shall as soon as possible be brought to final grade and reseeded and restabilized, and shall be done so prior to the removal of the erosion control barrier.

32. Arrangements shall be made for any rinsing of tools, equipment, etc. associated with on–site mixing or use of concrete or other materials such that the waste water is disposed of in the concrete wash out station-at least 50 feet from the resource area, as stated on the project plans. In no case may waste water be discharged into or onto Resource Areas on or adjacent to the site. In no case may waste water be placed in stormdrains. Any spillage of materials shall be cleaned up promptly.

33. Any dirt or debris spilled or tracked onto any paved streets shall be swept up and removed daily.

34. No heavy equipment may be stored overnight within 50 feet of the wetland and no refueling or maintenance of machinery shall be allowed within the 100-foot Buffer Zone, 200-foot Resource Area, and Adjacent Upland Resource Area or within any Resource Area.

35. The Commission, its employees and its agents shall have the right of entry onto the site to inspect for compliance with the terms of this Order of Conditions and Permit until a Certificate of Compliance has been issued.

36. When requesting a Certificate of Compliance for this Order of Conditions, the Applicant must submit a written statement from a Massachusetts professional engineer, registered land surveyor, or registered landscape architect certifying that the completed work complies with the plans referenced in this Order, or provide an as-built plan and statement describing any differences.

37. The Applicant shall implement tree protection measures for any trees located on the site as specified in the Commission's Bylaw Regulations.

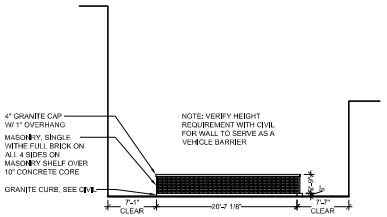
38. The Applicant shall include two dry wells and grey roofing material as shown on the revised project plans.

39. Pervious surfaces shown on the project plans shall be maintained and not be replaced by impervious surfaces. **This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.**

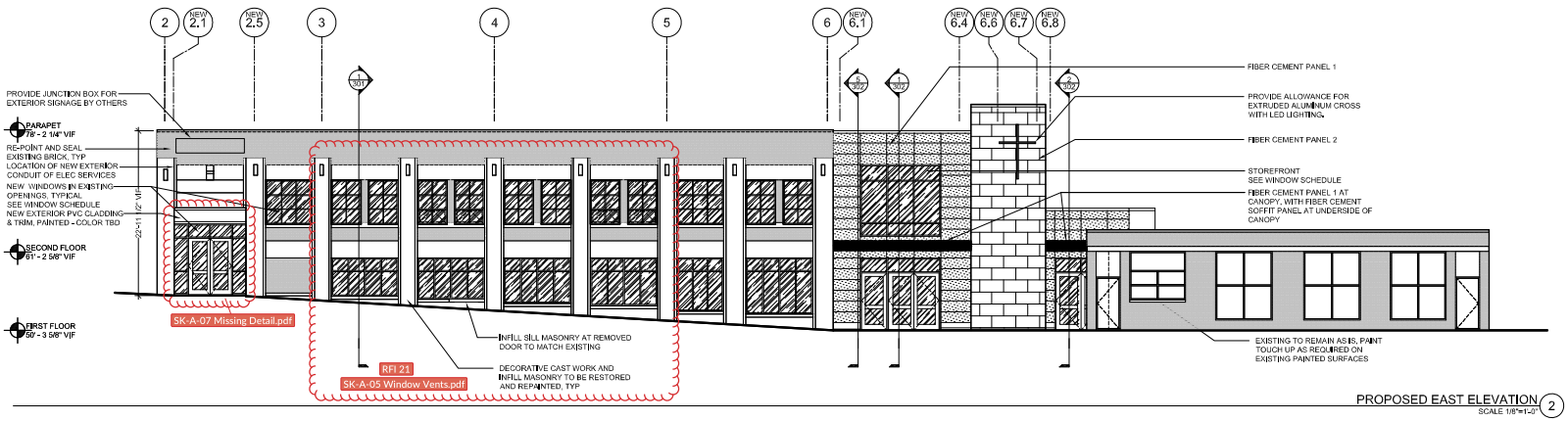
40. The landscaping and vegetative areas described during the hearings shall be submitted in a Planting Plan prior to construction, and shall include a native plants-mix of shrubs and perennials and be installed and maintained according to the standards of the American Association of Nurserymen (AAN). **This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.**

41. The Applicant shall maintain 65 feet of pervious surface on the site. **This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.**

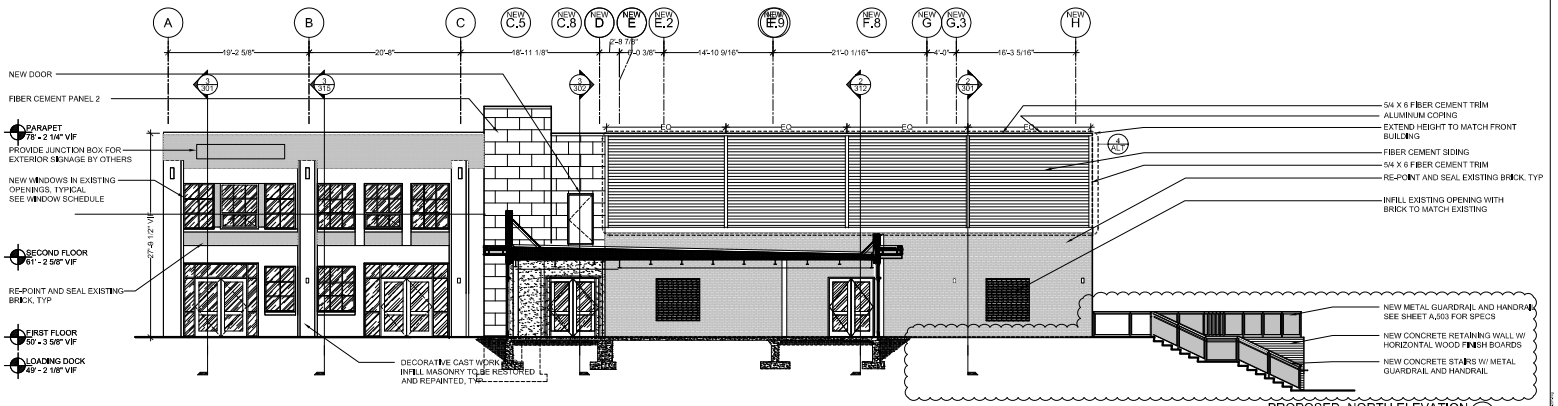
42. The Applicant shall construct and maintain 165 square feet of permanent planting area. **This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.**



PROPOSED ELEVATION AT FRONT BARRIER WALL 3
SCALE 1/8"=1'-0"



PROPOSED EAST ELEVATION 2
SCALE 1/8"=1'-0"



PROPOSED NORTH ELEVATION 1
SCALE 1/8"=1'-0"

EXTERIOR FINISHES

FIBER CEMENT SIDING:
JAMES HARDIE - PLANK- ARTISAN HZ5 WEATHER EXPOSURE, PROFILE: SHIP LAP SIDING, 7" EXPOSURE, HORIZONTAL ORIENTATION, BLIND NAILING, SMOOTH FINISH, PRE-FINISHED COLOR TO BE AGED PEWTER

FIBER CEMENT TRIM:
JAMES HARDIE - TRIM, SMOOTH 5/4, PRE-FINISHED COLOR TO BE AGED PEWTER

FIBER CEMENT PANEL 1:
NICHIHA ILLUMINATION PANEL, AWP-1818, HORIZONTAL ORIENTATION, FINISH: BENJAMIN MOORE PAINT COLOR TBD

FIBER CEMENT PANEL 2:
NICHIHA ARCHITECTURAL BLOCK, AWP-1818, HORIZONTAL ORIENTATION, COLOR: GRAY

FIBER CEMENT PANEL (SOFFIT):
NICHIHA VINTAGE WOOD AWP-1818, COLOR CEDAR EPC762F

Notes:

EXTERIOR WINDOW FRAMING & GLAZING

GENERAL NOTE:
1. PROVIDE FIELD MOCK UP OF EXISTING FINISHES FOR ARCHITECT APPROVAL. TYP

GENERAL WINDOW NOTES:
1. ALL DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS ARE ROUGH OPENINGS. SHOP DRAWINGS SHOULD REFLECT APPROPRIATE FRAME SIZES INCLUDING JOINT SIZES PER MANUFACTURERS SPECIFICATIONS.
2. G.C./SUB-CONTRACTOR TO FIELD VERIFY ALL OPENINGS PRIOR TO FABRICATION OF WINDOWS.
3. SUBMIT COLOR SAMPLES FOR FRAMES AND GLAZING AS PART OF THE SHOP DRAWING PROCESS.

STOREFRONT SYTEM:
1. KAWNEER 451T - CENTER GLAZED
2. FRAME COLOR - BLACK

STOREFRONT ENTRANCES:
1. DOORS: KAWNEER 350 MEDIUM STILE
2. SEE DOOR SCHEDULE FOR HARDWARE

GLAZING:
1. ALL GLAZING TO BE LOW E-II
2. PROVIDE TEMPERED GLAZING IN ALL AREA REQUIRED BY CODE.
3. GLAZING COLORS:
   G1: 1" INSULATED CLEAR (U=0.24, SHGC=0.41)
   -1/4" SOLARBAN 60 (2) STARFIRE
   -1/2" ARGON SPACE
   -1/4" STARPHIRE
   G2: 1" INSULATED CLEAR TEMPERED (U=0.24, SHGC=0.41)
   -1/4" SOLARBAN 60 (2) STARFIRE
   -1/2" ARGON SPACE
   -1/4" STARPHIRE

EXTERIOR FIXED WINDOWS:
KAWNEER 451T CENTER GLAZED STOREFRONT, COLOR: BLACK

EXTERIOR AWNING WINDOWS:
KAWNEER 451 CENTER GLAZED STOREFRONT WITH GLASSVENT OPERABLE AWNING. COLOR: BLACK

Key Plan:

Architect's Stamp:

Project:
Highrock Arlington

10-14 Mill Street
Arlington, MA 02476

Client:
Highrock Church
14 Mill Street
Arlington, MA 02476
Tel: (781) 652 - 9859

Project #: 19051
Scale: As Noted

Issue:	Date:
Issued for Pricing	02/07/2020
Issued for Permit	03/09/2020
Addendum #1	04/10/2020
Revisions:	**Date:**
ADDENDUM #2	12/23/2020
Revision 3	02/12/2021
Addendum #4	04/23/2021

Drawing Title:
Exterior Elevations

Sheet Number:
A.201

MAUGEL ARCHITECTS
200 AVER ROAD | SUITE 200
HARVARD, MA 01451
978 456 3800
MAUGEL.COM

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HIGHROCK ARLINGTON



Project Address:
10-12 Mill Street
Arlington, MA 02476

Architect's Project # 19051
Issue Date: March 9, 2020

Project Team:

Architect:
Maugel Architects, Inc
200 Ayer Road
Harvard, MA 01451
Tel: 978-456-2800
Fax: 978-456-2801

Client:
Highrock Church
14 Mill Street
Arlington, MA 02476
Tel: (781) 652-9859

Civil:
Howard Stein Hudson
114 Turnpike Rd #2C
Chelmsford, MA 01824
Tel: (617) 482-7080

Structural:
TF Moran Inc.
48 Constitution Dr.
Bedford, NH 03110
Tel: (603) 472-4488

Mechanical/ Plumbing:
Design Day Mechcanicals, Inc.
PO Box 447
New Ipswich, NH 03071
Tel: (207) 337-2473

Electrical/ Fire Protection:
Pristine Engineers Inc.
534 New State Hwy. Suites 5 & 6
Raynham, MA 02767
Tel: (508) 977-9353

General Contractor:
Delphi Construction
255 Bear Hill Road
Waltham, MA 02451
Tel: (781) 893-9900

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Issued for Permit

MAUGEL ARCHITECTS
200 AYER ROAD | SUITE 200
HARVARD, MA 01451
978 456 2800
MAUGEL.COM

14 Mill Street
Arlington, MA 02476

To: The Arlington Conservation Commission

From: Highrock Church, Drew Hunter

Date: 05/07/2021

Re: Request Order of Conditions Permit Extension for 10, 12, 14-16 Mill St

Arlington Conservation Commission,

The Order of Conditions for our construction project at 10, 12, 14-16 Mill St. will expire June 21, 2021. We are requesting an extension to this permit. The project was delayed because of COVID 19. The uncertainty surrounding the pandemic caused our church board to delay beginning the construction project to ensure we had the funds to complete the work. Thankfully the funding has been secured. The demolition will begin this month and the project is scheduled to be completed by July 2022.

The circumstances caused by the pandemic were unavoidable and unexpected. We could not have predicted the impact of COVID 19 when the original permit was issued.

Thank you for your consideration. Please contact me if you have any questions or concerns at drew@highrock.org or at 313.717.3627.

Thank you,



Drew Hunter
Executive Director
Highrock Church

Town of Arlington, Massachusetts

Notice of Intent

Summary:
Notice of Intent: Spy Pond Treatment Program
MassDEP File #091-0330

8:25pm This project proposes a water quality management program for Spy Pond.

ATTACHMENTS:

	Type	File Name	Description
🗋	Notice of Intent	Spy_Pond_Treatment_NOI.pdf	Spy Pond Treatment NOI
🗋	Notice of Intent	Spy_Pond_OOC_#091-0258.pdf	Spy Pond OOC #091-0258 (previous treatment OOC)

Notice of Intent Application
Spy Pond
Aquatic Management Program

Arlington, MA

May 2021

Prepared for:
Town of Arlington
Conservation Commission
730 Massachusetts Avenue
Arlington, MA 02476

Prepared by:
SŌLitude Lake Management
590 Lake Street
Shrewsbury, MA 01545

SŌLITUDE
LAKE MANAGEMENT

TABLE OF CONTENTS

- NOI Application Form
  - Wetlands Protection Act Form 3
  - Appendix A: Ecological Restoration Limited Project Checklists
- NOI Wetland Fee Transmittal Form
- NHESP Checklist Form
- ATTACHMENT A – Abutter Notification
  - Environmental Monitor
  - Affidavit of Service
  - Abutters Notice
  - Abutters Lists
- ATTACHMENT B - Project Description
  - 1.0 Introduction 1
  - 2.0 Problem Statement 1
  - 3.0 Site Description 1
  - 4.0 Existing Conditions 2
  - 5.0 In-Lake Management Recommendations 3
    - 5.1 Program Overview
    - 5.2 Proposed Products
    - 5.3 Monitoring
  - 6.0 Alternatives Analysis 10
  - 7.0 Compliance 10
  - 8.0 Impacts of the Proposed Management Plan Specific to the Wetlands Protection Act 11
- ATTACHMENT C – Figures
  - Figure 1: Site Locus
  - Figure 2: Natural Heritage & Endangered Species Program Habitats
  - Figure 3: Invasive Vegetation Assemblage (Spring 2020)
- ATTACHMENT D – Herbicide/Algaecide Information

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

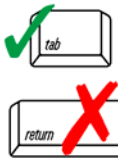
Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

a. Street Address | b. City/Town | c. Zip Code

Latitude and Longitude:

d. Latitude | e. Longitude

f. Assessors Map/Plat Number | g. Parcel /Lot Number

2. Applicant:

a. First Name | b. Last Name

c. Organization

d. Street Address

e. City/Town | f. State | g. Zip Code

h. Phone Number | i. Fax Number | j. Email Address

3. Property owner (required if different from applicant): ☐ Check if more than one owner

a. First Name | b. Last Name

c. Organization

d. Street Address

e. City/Town | f. State | g. Zip Code

h. Phone Number | i. Fax Number | j. Email address

4. Representative (if any):

a. First Name | b. Last Name

c. Company

d. Street Address

e. City/Town | f. State | g. Zip Code

h. Phone Number | i. Fax Number | j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid | b. State Fee Paid | c. City/Town Fee Paid

A. General Information (continued)

6. General Project Description:

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

1. ☐ Single Family Home
2. ☐ Residential Subdivision
3. ☐ Commercial/Industrial
4. ☐ Dock/Pier
5. ☐ Utilities
6. ☐ Coastal engineering Structure
7. ☐ Agriculture (e.g., cranberries, forestry)
8. ☐ Transportation
9. ☐ Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☐ No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

a. County
b. Certificate # (if registered land)
c. Book
d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☐ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Bank	1. linear feet	2. linear feet
b. ☐ Bordering Vegetated Wetland	1. square feet	2. square feet
c. ☐ Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. ☐ Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. ☐ Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
f. ☐ Riverfront Area	1. Name of Waterway (if available)	

2. Width of Riverfront Area (check one):

☐ 25 ft. - Designated Densely Developed Areas only

☐ 100 ft. - New agricultural projects only

☐ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

5. Has an alternatives analysis been done and is it attached to this NOI? ☐ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☐ Yes ☐ No

3. ☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

B. Buffer Zone & Resource Area Impacts **(temporary & permanent)** (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. ☐ Land Under the Ocean	1. square feet 2. cubic yards dredged	
c. ☐ Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. ☐ Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. ☐ Coastal Dunes	1. square feet	2. cubic yards dune nourishment

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
f. ☐ Coastal Banks	1. linear feet	
g. ☐ Rocky Intertidal Shores	1. square feet	
h. ☐ Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. ☐ Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. ☐ Land Containing Shellfish	1. square feet	
k. ☐ Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 1. cubic yards dredged	
l. ☐ Land Subject to Coastal Storm Flowage	1. square feet	

4. ☐ Restoration/Enhancement
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

a. square feet of BVW | b. square feet of Salt Marsh

5. ☐ Project Involves Stream Crossings

a. number of new stream crossings | b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Notice of Intent – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_viewer.htm.

   a. ☐ Yes ☐ No

   If yes, include proof of mailing or hand delivery of NOI to:

   Natural Heritage and Endangered Species Program
   Division of Fisheries and Wildlife
   1 Rabbit Hill Road
   Westborough, MA 01581

   b. Date of map

   If *yes*, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.C, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.1.d, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

   1c. Submit Supplemental Information for Endangered Species Review*

   1. ☐ Percentage/acreage of property to be altered:

      (a) within wetland Resource Area _____ percentage/acreage

      (b) outside Resource Area _____ percentage/acreage

   2. ☐ Assessor's Map or right-of-way plan of site

2. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

   (a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

   (b) ☐ Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see http://www.mass.gov/dfwele/dfw/nhesp/nhesp.htm, regulatory review tab). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.

C. Other Applicable Standards and Requirements (cont'd)

(c) ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and ***mail to NHESP*** at above address

*Projects altering **10 or more acres** of land, also submit:*

(d) ☐ Vegetation cover type map of site

(e) ☐ Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing. a. NHESP Tracking # b. Date submitted to NHESP

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. ☐ Not applicable – project is in inland resource area only

b. ☐ Yes ☐ No If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

C. Other Applicable Standards and Requirements (cont'd)

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

   a. ☐ Yes ☐ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

   b. ACEC

5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

   a. ☐ Yes ☐ No

6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

   a. ☐ Yes ☐ No

7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

   a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
      1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
      2. ☐ A portion of the site constitutes redevelopment
      3. ☐ Proprietary BMPs are included in the Stormwater Management System.

   b. ☐ No. Check why the project is exempt:
      1. ☐ Single-family house
      2. ☐ Emergency road repair
      3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☐ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)

2. ☐ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.

D. Additional Information (cont'd)

3. ☐ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☐ List the titles and dates for all plans and other materials submitted with this NOI.

a. Plan Title

b. Prepared By

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. ☐ Attach NOI Wetland Fee Transmittal Form

9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☐ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

Emily Sullivan (May 6, 2021 09:40 EDT)	05/06/21
1. Signature of Applicant	2. Date
Emily Sullivan (May 6, 2021 09:40 EDT)	05/06/21
3. Signature of Property Owner (if different)	4. Date
	05/18/21
5. Signature of Representative (if any)	6. Date

For Conservation Commission:
Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:
One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

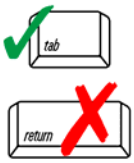
Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. Applicant Information

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Location of Project:

a. Street Address | b. City/Town

c. Check number | d. Fee amount

2. Applicant Mailing Address:

a. First Name | b. Last Name

c. Organization

d. Mailing Address

e. City/Town | f. State | g. Zip Code

h. Phone Number | i. Fax Number | j. Email Address

3. Property Owner (if different):

a. First Name | b. Last Name

c. Organization

d. Mailing Address

e. City/Town | f. State | g. Zip Code

h. Phone Number | i. Fax Number | j. Email Address

B. Fees

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

Fee should be calculated using the following process & worksheet. ***Please see Instructions before filling out worksheet.***

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract $12.50. To calculate the city/town share of the fee, divide the total fee in half and add $12.50.

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee: _____ a. Total Fee from Step 5

State share of filing Fee: _____ b. 1/2 Total Fee **less $**12.50

City/Town share of filling Fee: _____ c. 1/2 Total Fee **plus** $12.50

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

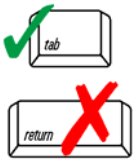
Document Transaction Number

City/Town

Eligibility Checklist

This Ecological Restoration Limited Project Eligibility Checklist guides the applicant in determining if their project is eligible to file as an Inland or Coastal Ecological Restoration Limited Project (310 CMR 10.53(4) or 310 CMR 10.24(8) respectively). These criteria must be met when submitting the Ecological Restoration Limited Project Notice of Intent to ensure that the restoration and improvement of the natural capacity of a Resource Area(s) to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

Regulatory Features of All Coastal and Inland Ecological Restoration Limited Projects

(a) May result in the temporary or permanent loss of/or conversion of Resource Area: An Ecological Restoration Limited Project that meets the requirements of 310 CMR 10.24(8) may result in the temporary or permanent loss of Resource Areas and/or the conversion of one Resource Area to another when such loss is necessary to the achievement of the project's ecological restoration goals.

(b) Exemption from wildlife habitat evaluation: A NOI for an Ecological Restoration Limited Project that meets the minimum requirements for Ecological Restoration Projects and for a MassDEP Combined Application outlined in 310 CMR 10.12(1) and (2) is exempt from providing a wildlife habitat (310 CMR 10.60), but still must meet the general performance standards for Bank [310 CMR 10.54(4)(a)5]; Land Under Water Bodies and Waterways [310 CMR 10.56(4)(a)4], and Wildlife Habitat Evaluation [310 CMR 10.60].

(c) The following are considerations for applicants filing an Ecological Restoration Limited Project NOI and for the issuing authority approving a project as an Ecological Restoration Limited Project:

- ☐ The condition of existing and historic Resource Areas proposed for restoration.
- ☐ Evidence of the extent and severity of the impairment(s) that reduce the capacity of the Resource Areas to protect and sustain the interests identified in M.G.L. c. 131, § 40.
- ☐ The magnitude and significance of the benefits of the Ecological Restoration Project in improving the capacity of the affected Resource Areas to protect and sustain the other interests identified in M.G.L. c. 131, § 40.
- ☐ The magnitude and significance of the impacts of the Ecological Restoration Project on existing Resource Areas that may be modified, converted and/or lost and the interests for which said Resource Areas are presumed significant in 310 CMR 10.00, and the extent to which the project will:
  - a. avoid adverse impacts to Resource Areas and the interests identified in M.G.L. c. 131, § 40, that can be avoided without impeding the achievement of the project's ecological restoration goals.
  - b. minimize adverse impacts to Resource Areas and the interests identified in M.G.L. c. 131, § 40, that are necessary to the achievement of the project's ecological restoration goals.
  - c. utilize best management practices such as erosion and siltation controls and proper construction sequencing to avoid and minimize adverse construction impacts to resource areas and the interests identified in M.G.L. c. 131, § 40.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8))

Complete this Eligibility Criteria Checklist ***before*** filling out a Notice of Intent Application to determine if your project qualifies as a Coastal Ecological Restoration Limited Project. (310 CMR 10.24(8)) Sign the Eligibility Certification at the end of Appendix A, and attach the checklist with supporting documentation and the Eligibility Certification to your Notice of Intent Application.

General Eligibility Criteria for All Coastal Ecological Restoration Limited Projects

Notwithstanding the requirements of 310 CMR 10.25 through 10.35, 310 CMR 10.54 through 10.58, and the Wildlife Habitat evaluations in 310 CMR 10.60, the Issuing Authority may issue an Order of Conditions permitting an Ecological Restoration Project listed in 310 CMR 10.24(8)(e) as an Ecological Restoration Limited Project and impose such conditions as will contribute to the interests identified in the WPA M.G.L. provided that the project meets all the requirements in 310 CMR 10.24 (8).

☐ The project is an Ecological Restoration Project as defined in 310 CMR 10.04 and is a project type listed below [310 CMR 10.24(8)(e)].

☐ Tidal Restoration.

☐ Shellfish Habitat Restoration.

☐ Other Ecological Restoration Limited Project Type.

☐ The project will further at least one of the WPA (M.G.L. c. 131, § 40) interests identified below.

- ☐ Protection of public or private water supply.
- ☐ Protection of ground water supply.
- ☐ Flood control.
- ☐ Storm damage prevention.
- ☐ Prevention of pollution.
- ☐ Protection of land containing shellfish.
- ☐ Protection of fisheries.
- ☐ Protection of wildlife habitat.

☐ If the project will impact an area located within estimated habitat which is indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands, a NHESP preliminary written determination is attached to the NOI submittal that the project will not have any adverse long-term and short-term effects on specified habitat sites of Rare Species or the project will be carried out in accordance with an approved NHESP habitat management plan.

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8)) (Cont.)

General Eligibility Criteria for All Coastal Ecological Restoration Limited Projects (cont.)

☐ If the project is located in a Coastal Dune or Barrier Beach, the project avoids and minimizes armoring of the Coastal Dune or Barrier Beach to the maximum extent practicable.

☐ The project complies with all applicable provisions of 310 CMR 10.24(1) through (6) and 310 CMR 10.24(9) and (10).

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

These additional criteria must be met to qualify as an Ecological Restoration Limited Project to ensure that the restoration and improvement of the natural capacity of a Resource Area to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

☐ This Ecological Restoration Limited Project application meets the eligibility criteria for Ecological Restoration Limited Project [310 CMR 10.24(8)(a) through (d) and as proposed, furthers at least one of the WPA interests is for the project type identified below.

☐ **Tidal Restoration Projects**

☐ A project to restore tidal flow that will not significantly increase flooding or storm damage impacts to the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure.

☐ **Shellfish Habitat Restoration Projects**

☐ The project has received a Special Projects Permit from the Division of Marine Fisheries or, if a municipality, has received a shellfish propagation permit.

☐ The project is made of cultch (e.g., shellfish shells from oyster, surf or ocean clam) or is a structure manufactured specifically for shellfish enhancement (e.g., reef blocks, reef balls, racks, floats, rafts, suspended gear).

☐ **Other Ecological Restoration Projects** that meet the criteria set forth in 310 CMR 10.24(8)(a) through (d).

☐ Restoration, enhancement, or management of Rare Species habitat.

☐ Restoration of hydrologic and habitat connectivity.

☐ Removal of aquatic nuisance vegetation to impede eutrophication.

☐ Thinning or planting of vegetation to improve habitat value.

☐ Fill removal and re-grading.

☐ Riparian corridor re-naturalization.

☐ River floodplain re-connection.

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8)) (Cont.)

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

- ☐ In-stream habitat enhancement.
- ☐ Remediation of historic tidal wetland ditching.
- ☐ Eelgrass restoration.
- ☐ Invasive species management.
- ☐ Installation of fish passage structures.
- ☐ Other. Describe: _____

☐ This project involves the construction, repair, replacement or expansion of public or private infrastructure (310 CMR 10.24(9).

- ☐ The NOI attachment labeled _____ is an operation and maintenance plan to ensure that the infrastructure will continue to function as designed.
- ☐ The operation and maintenance plan will be implemented as a continuing condition in the Order of Conditions and the Certificate of Compliance.
- ☐ This project proposes to replace an existing stream crossing (310 CMR 10.24(10). The crossing complies with the Massachusetts Stream Crossing Standards to the maximum extent practicable with details provided in the NOI. The crossing type:
  - ☐ Replaces an existing non-tidal crossing that is part of an Anadromous/Catadromous Fish Run (310 CMR 10.35)
  - ☐ Replaces an existing tidal crossing that restricts tidal flow. The tidal restriction will be eliminated to the maximum extent practicable.
- ☐ At a minimum, in evaluating the potential to comply with the standards to the maximum extent practicable the following criteria have been consider site constraints in meeting the standard, undesirable effects or risk in meeting the standard, and the environmental benefit of meeting the standard compared to the cost, by evaluating the following:
  - ☐ The potential for downstream flooding;
  - ☐ Upstream and downstream habitat (in-stream habitat, wetlands);
  - ☐ Potential for erosion and head-cutting;
  - ☐ Stream stability;
  - ☐ Habitat fragmentation caused by the crossing;
  - ☐ The amount of stream mileage made accessible by the improvements;
  - ☐ Storm flow conveyance;

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8)) (Cont.)

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

- ☐ Engineering design constraints specific to the crossing;
- ☐ Hydrologic constraints specific to the crossing;
- ☐ Impacts to wetlands that would occur by improving the crossing;
- ☐ Potential to affect property and infrastructure; and
- ☐ Cost of replacement.

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4))

Complete this Eligibility Criteria Checklist ***before*** filling out a Notice of Intent Application to determine if your project qualifies as an Inland Ecological Restoration Limited Project. (310 CMR 10.53(4)) Sign the Eligibility Certification at the end of Appendix B, and attach the checklist with supporting documentation and the Eligibility Certification to your Notice of Intent Application.

General Eligibility Criteria for All Inland Ecological Restoration Limited Projects

Notwithstanding the requirements of any other provision of 310 CMR 10.25 through 10.35, 310 CMR 10.54 through 10.58, and 310 CMR 10.60, the Issuing Authority may issue an Order of Conditions permitting an Ecological Restoration Project listed in 310 CMR 10.53(4)(e) as an Ecological Restoration Limited Project and impose such conditions as will contribute to the interests identified in M.G.L. c. 131, § 40, provided that:

☐ The project is an Ecological Restoration Project as defined in 310 CMR 10.04 and is a project type listed below [310 CMR 10.53(4)(e)].

- ☐ Dam Removal
- ☐ Freshwater Stream Crossing Repair and Replacement
- ☐ Stream Daylighting
- ☐ Tidal Restoration
- ☐ Rare Species Habitat Restoration
- ☐ Restoring Fish Passageways

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

General Eligibility Criteria for All Inland Ecological Restoration Limited Projects

☐ The project will further at least one of the WPA (M.G.L. c. 131, § 40) interests identified below.

- ☐ Protection of public or private water supply
- ☐ Protection of ground water supply
- ☐ Flood control
- ☐ Storm damage prevention
- ☐ Prevention of pollution
- ☐ Protection of land containing shellfish
- ☐ Protection of fisheries
- ☐ Protection of wildlife habitat

☐ If the project will impact an area located within estimated habitat which is indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands, a NHESP preliminary written determination is attached to the NOI submittal that the project will have no adverse long-term and short-term effects on specified habitat sites of Rare Species or the project will be carried out in accordance with an approved NHESP habitat management plan.

☐ The project will be carried out in accordance with any time of year restrictions or other conditions recommended by the Division of Marine Fisheries for coastal waters and the Division of Fisheries and Wildlife in accordance with 310 CMR 10.11(3).

☐ If the project involves the dredging of 100 cubic yards of sediment or more or dredging of any amount in an Outstanding Resource Water, a Water Quality Certification has been applied for or obtained.

☐ The project complies with all applicable provisions of 310 CMR 10.53(1), (2), (7), and (8).

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

Additional Eligibility Criteria for Specific Inland Ecological Restoration Limited Project Types

These additional criteria must be met to qualify as an Ecological Restoration Limited Project to ensure that the restoration and improvement of the natural capacity of a Resource Area to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

☐ This project application meets the eligibility criteria for Ecological Restoration Limited Project in accordance with [310 CMR 10.53(4)(a) through (d) and as proposed, furthers at least one of the WPA interests is for the project type identified below:

☐ **Dam Removal**

☐ Project is consistent with MassDEP's 2007 Dam Removal Guidance.

☐ **Freshwater Stream Crossing Repair and Replacement**. The project as proposed and the NOI describes how:

☐ Meeting the eligibility criteria set forth in 310 CMR 10.13 would result in significant stream instability or flooding hazard that cannot otherwise be mitigated, and site constraints make it impossible to meet said criteria.

☐ The project design ensures that the stability of the bank is NOT impaired.

☐ To the maximum extent practicable, the project provides for the restoration of the stream upstream and downstream of the structure as needed to restore stream continuity and eliminate barriers to aquatic organism movement.

☐ The project complies with the requirements of 310 CMR 10.53(7) and (8).

☐ **Stream Daylighting Projects**

☐ The project meets the eligibility criteria for Ecological Restoration Limited Project [310 CMR 10.53(4)(a) through (d)] and as proposed the NOI describes how the proposed project meets to the maximum extent practicable, consistent with the project's ecological restoration goals, all the performance standards for Bank and Land Under Water Bodies and Waterways.

☐ The project meets the requirements of 310 CMR 10.12(1) and (2) and a wildlife habitat evaluation is not included in the NOI.

☐ **Tidal Restoration Project**

☐ Restores tidal flow.

☐ the project, including any proposed flood mitigation measures, will not significantly increase flooding or storm damage to the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure.

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

☐ **Other Ecological Restoration Projects** that meet the criteria set forth in 310 CMR 10.24(8)(a) through (d).

- ☐ Restoration, enhancement, or management of Rare Species habitat.
- ☐ Restoration of hydrologic and habitat connectivity.
- ☐ Removal of aquatic nuisance vegetation to impede eutrophication.
- ☐ Thinning or planting of vegetation to improve habitat value.
- ☐ Riparian corridor re-naturalization.
- ☐ River floodplain re-connection.
- ☐ In-stream habitat enhancement.
- ☐ Fill removal and re-grading.
- ☐ Flow restoration.
- ☐ Installation of fish passage structures.
- ☐ Invasive species management.
- ☐ Other. Describe: _____

☐ This project involves the construction, repair, replacement or expansion of public or private infrastructure. (310 CMR 10.53(7))

- ☐ The NOI attachment labeled _____ is an operation and maintenance plan to ensure that the infrastructure will continue to function as designed.
- ☐ The operation and maintenance plan will be implemented as a continuing condition in the Order of Conditions and the Certificate of Compliance.

☐ This project replaces an existing stream crossing (310 CMR 10.53(8)). The crossing type:

- ☐ Replaces an existing non-tidal crossing designed to comply with the Massachusetts Stream Crossing Standards to the maximum extent practicable with details provided in the NOI.
- ☐ Replaces an existing tidal crossing that restricts tidal flow. The tidal restriction will be eliminated to the maximum extent practicable.

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

☐ At a minimum, in evaluating the potential to comply with the standards to the maximum extent practicable the following criteria have been consider site constraints in meeting the standard, undesirable effects or risk in meeting the standard, and the environmental benefit of meeting the standard compared to the cost, by evaluating the following:

- ☐ The potential for downstream flooding;
- ☐ Upstream and downstream habitat (in-stream habitat, wetlands);
- ☐ Potential for erosion and head-cutting;
- ☐ Stream stability;
- ☐ Habitat fragmentation caused by the crossing;
- ☐ The amount of stream mileage made accessible by the improvements;
- ☐ Storm flow conveyance;
- ☐ Engineering design constraints specific to the crossing;
- ☐ Hydrologic constraints specific to the crossing;
- ☐ Impacts to wetlands that would occur by improving the crossing;
- ☐ Potential to affect property and infrastructure; and
- ☐ Cost of replacement.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

Required Actions (310 CMR 10.11)

Complete the Required Actions before submitting a Notice of Intent Application for an Ecological Restoration Project and submit a completed copy of this Checklist with the Notice of Intent.

☐ **Massachusetts Environmental Policy Act (MEPA) / Environmental Monitor**
http://www.mass.gov/eea/agencies/mepa/submitting-notices-to-the-environmental-monitor.html

For Ecological Restoration Limited Projects, there are no changes to MEPA requirements.

☐ Submit written notification at least 14 days prior to the filing of a Notice of Intent (NOI) to the Environmental Monitor for publication. A copy of the written notification is attached and provides at minimum:

- ☐ A brief description of the proposed project.
- ☐ The anticipated NOI submission date to the conservation commission.
- ☐ The name and address of the conservation commission that will review the NOI.
- ☐ Specific details as to where copies of the NOI may be examined or acquired and where to obtain the date, time, and location of the public hearing.

☐ **Massachusetts Endangered Species Act (MESA) /Wetlands Protection Act Review**

- ☐ Preliminary Massachusetts Endangered Species Act Review from the Natural Heritage and Endangered Species Program (NHESP) has been met and the written determination is attached.
  - ☐ Supplemental Information for Endangered Species Review has been submitted.
    1. ☐ Percentage/acreage of property to be altered:
       a. Within Wetland Resource Area _____ Percentage/acreage
       b. Outside Wetland Resource Area _____ Percentage/acreage
    2. ☐ Assessor's Map or right-of-way plan of site
    3. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work.
    4. ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)
    5. ☐ Photographs representative of the site
    6. ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm)

Required Actions (310 CMR 10.11) (cont.)

Make check payable to "Commonwealth of Massachusetts - NHESP" and mail to NHESP:

Natural Heritage & Endangered Species Program
MA Division of Fisheries & Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

7. Projects altering 10 or more acres of land, also submit:

   a. ☐ Vegetation cover type map of site

   b. ☐ Project plans showing Priority & Estimated Habitat boundaries

OR Check One of the Following:

1. ☐ Project is exempt from MESA review.

Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59 – see C4 below)

2. ☐ Separate MESA review ongoing.

a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. ☐ Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

☐ **Estimated Habitat Map of State-Listed Rare Wetlands Wildlife**

If a portion of the proposed project is located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP), complete the portion below. To view habitat maps, see the **Massachusetts Natural Heritage Atlas** or view the maps electronically at: http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review

☐ A preliminary written determination from Natural Heritage and Endangered Species Program (NHESP) must be obtained indicating that:
☐ Project will NOT impact an area located within estimated habitat indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife published by NHESP.
☐ Project will impact an area located within estimated habitat indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife published by NHESP. A copy of NHESP's written preliminary determination in accordance with 310 CMR 10.11(2) is attached. This specifies:

☐ Date of the map: _____

Required Actions (310 CMR 10.11) (cont.)

☐ If the Rare Species identified is/are likely to continue to be located on or near the project, and if so, whether the Resource Area to be altered is in fact part of the habitat of the Rare Species.

☐ That if the project alters Resource Area(s) within the habitat of a Rare Species:

☐ The Rare Species is identified;

☐ NHESP's recommended changes or conditions necessary to ensure that the project will have no short or long term adverse effect on the habitat of the local population of the Rare Species is provided; or

☐ An approved NHESP habitat management plan is attached with this Notice of Intent.

Send the request for a preliminary determination to:
Natural Heritage & Endangered Species Program
MA Division of Fisheries & Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

☐ **Division of Marine Fisheries**

☐ If the project will occur within a coastal waterbody with a restricted Time of Year, [see Appendix B of the Division of Marine Fisheries (DMF) Technical Report TR 47 "Marine Fisheries Time of Year Restrictions (TOYs) for Coastal Alteration Projects" dated April 2011 http://www.nae.usace.army.mil/Portals/74/docs/regulatory/StateGeneralPermits/NEGP/MADMFTR-47.pdf].

☐ Obtain a DMF written determination stating:

☐ The proposed work does NOT require a TOY restriction.

☐ The proposed work requires a TOY restriction. Specific recommended TOY restriction and recommended conditions on the proposed work is attached.

☐ If the project may affect a diadromous fish run [re: Division of Marine Fisheries (DMF) Technical Reports TR 15 through 18, dated 2004: http://www.mass.gov/eea/agencies/dfg/dmf/publications/technical.html]

☐ Obtain a DMF written determination stating:

☐ The design specifications and operational plan for the project are compatible with the passage requirements of the fish run.

☐ The design specifications and operational plan for the project are not compatible with the passage requirements of the fish run.

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

Required Actions (310 CMR 10.11) (cont.)

Send the request for a written determination to:

Division of Marine Fisheries - Southeast
Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

North Shore - Hull to New Hampshire:
Division of Marine Fisheries - North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

☐ **Division of Fisheries and Wildlife –** http://www.mass.gov/eea/agencies/dfg/dfw/

☐ Projects that involve silt-generating, in-water work that will impact a non-tidal perennial river or stream and the in-water work will not occur between May 1 and August 30.

☐ Obtain a written determination from the Division of Fisheries and Wildlife (DFW) as to whether the proposed work requires a TOY restriction.

☐ The proposed work does NOT require a TOY restriction.

☐ The proposed work requires a TOY restriction. The DFW determination with TOY restriction and other conditions is attached.

☐ **MassDEP Water Quality Certification**

☐ Project involves dredging of 100 cubic yards or more in a Resource Area or dredging of any amount in an Outstanding Resource Water (ORW). A copy and proof of the MassDEP Water Quality Certification pursuant to 314 CMR 9.00 is attached to the NOI.

☐ This project is a Combined Permit Application for 401 Dredging and Restoration (BRP WW 26).

☐ **MassDEP Wetlands Restriction Order**

Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

☐ Yes ☐ No

☐ **Department of Conservation and Recreation**

Office of Dam Safety

☐ For Dam Removal Projects, obtain a written determination from the Department of Conservation and Recreation Office of Dam Safety that the dam is not subject to the jurisdiction of the Office under 302 CMR 10.00, a written determination that the dam removal does not require a permit under 302 CMR 10.00 or a permit authorizing the dam removal in accordance with 302 CMR 10.00 has been issued.

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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Required Actions (310 CMR 10.11) (cont.)

Areas of Critical Environmental Concern (ACECs)

Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

☐ Yes ☐ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations).

Minimum Required Documents (310 CMR 10.12)

Complete the Required Documents Checklist below and provide supporting materials before submitting a Notice of Intent Application for an Ecological Restoration Project.

☐ This Notice of Intent meets all applicable requirements outlined in for Ecological Restoration Projects in 310 CMR 10.12. Use the checklist below to insure that all documentation is included with the NOI.

At a minimum, a Notice of Intent for an Ecological Restoration Project shall include the following:

☐ Description of the project's ecological restoration goals;

☐ The location of the Ecological Restoration Project;

☐ Description of the construction sequence for completing the project;

☐ A map of the Areas Subject to Protection Under M.G.L. c. 131, § 40, that will be temporarily or permanently altered by the project or include habitat for Rare Species, Habitat of Potential Regional and Statewide Importance, eel grass beds, or Shellfish Suitability Areas.

☐ The method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.) is attached with documentation methodology.

☐ List the titles and dates for all plans and other materials submitted with this NOI.

a. Plan Title

b. Prepared by

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

☐ If there is more than one property owner, attach a list of these property owners not listed on this form.

☐ Attach NOI Wetland Fee Transmittal Form.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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MassDEP File Number

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City/Town

Minimum Required Documents (310 CMR 10.12)

- ☐ An evaluation of any flood impacts that may affect the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure as well as any proposed flood impact mitigation measures;
- ☐ A plan for invasive species prevention and control;
- ☐ The Natural Heritage and Endangered Species Program written determination in accordance with 310 CMR 10.11(2), if needed;
- ☐ Any Time of Year restrictions and/or other conditions recommended by the Division of Marine Fisheries or the Division of Fisheries and Wildlife in accordance with 310 CMR 10.11(3), (4), (5), if needed;
- ☐ Proof that notice was published in the Environmental Monitor as required by 310 CMR 10.11(1;
- ☐ A certification by the applicant under the penalties of perjury that the project meets the eligibility criteria set forth in 310 CMR 10.13;
- ☐ If the Ecological Restoration Project involves the construction, repair, replacement or expansion of infrastructure, an operation and maintenance plan to ensure that the infrastructure will continue to function as designed;
- ☐ If the project involves dredging of 100 cubic yards or more or dredging of any amount in an Outstanding Resource Water, a Water Quality Certification issued by the Department pursuant to 314 CMR 9.00;
- ☐ If the Ecological Restoration Project involves work on a stream crossing, information sufficient to make the showing required by 310 CMR 10.24(10) for work in a coastal resource area and 310 CMR 10.53(8) for work in an inland resource area; and
- ☐ If the Ecological Restoration Project involves work on a stream crossing, baseline photo-points that capture longitudinal views of the crossing inlet, the crossing outlet and the upstream and downstream channel beds during low flow conditions. The latitude and longitude coordinates of the photo-points shall be included in the baseline data.
- ☐ This project is subject to provisions of the MassDEP Stormwater Management Standards. A copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) is attached.
- ☐ Provide information as the whether the project has the potential to impact private water supply wells including agricultural or aquacultural wells or surface water withdrawal points.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Arlington
City/Town

Certification that the Ecological Restoration Project Meets the Eligibility Criteria

I hereby certify under penalties of perjury that the Ecological Restoration Project Notice of Intent application does not meet the Eligibility criteria for an Ecological Restoration Order of Conditions set forth in 310 CMR 10.13, but does meet the Eligibility Criteria for a Ecological Restoration Limited Project set forth in 10.24(8) or 10.53(4) whichever is applicable. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

Emily Sullivan (May 6, 2021 08:40 EDT)

Signature of Applicant or Authorized Agent

Printed Name of Applicant or Authorized Agent

5/6/2021
Date

The certification must be signed by the applicant; however, it may be signed by a duly authorized agent (named in Item 2) if this form is accompanied by a statement by the applicant designating the agent and agreeing to furnish upon request, supplemental information in support of the application.

ATTACHMENT A

Abutter Notification

Office of the Board of Assessors
Robbins Memorial Town Hall
Arlington, MA 02476
(781) 316-3050
Assessors@town.arlington.ma.us

Abutters List

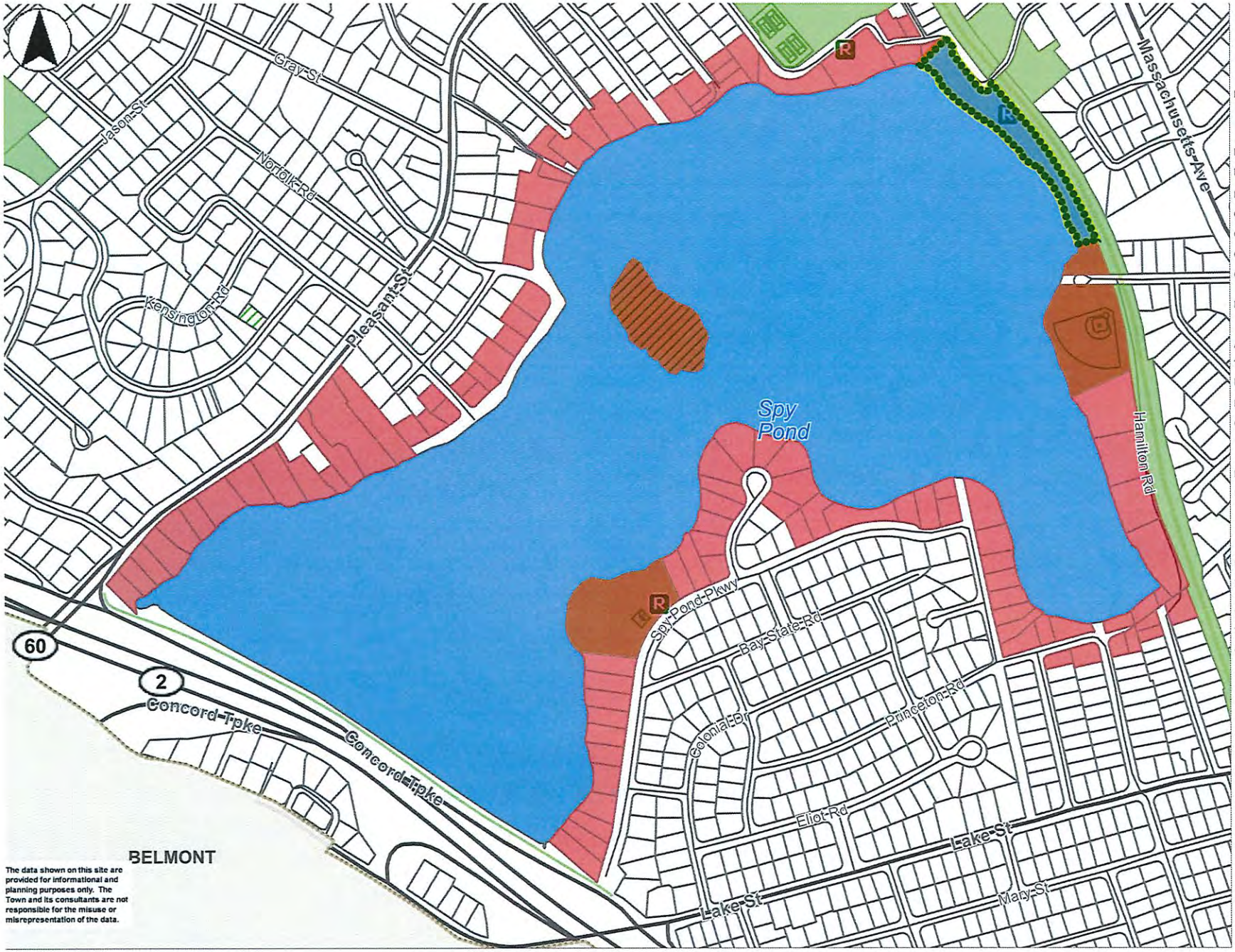
Date: May 11, 2021

Subject Property: SPY POND, Arlington, MA

Search Distance: 100 Feet - CONSERVATION

The Board of Assessors certifies the names and addresses of requested parties in interest, all abutters to SPY POND within 100 feet.

Board of Assessors



Places by Category
Police Station
Fire Station
School
Library
Public Works
Recreation - Facilities
Recreation - Fields Courts
Recreation - Fields Courts
Open Space: Conservation
Open Space - Minuteman E
Open Space - Labels
Open Space
Town, State, or Priva
Other Town Owned
MA Highways
Interstate
US Highway
Numbered Routes
Abutting Towns
Town Boundary
Parcels
Buildings
Cemetery - Roads
Road1
Road2
Road3
Road4
Pavement Markings
Impervious Surface - For B
Street
Sidewalk
Street Island
Driveway
Parking Lot
Bike Path
Roads - For Large Scale (f
Roads - For Small Scale (f
Major Road
Local Road
Master Plan Base Map - M
Water Line
Water Body

0 660 1320 ft

Printed on 05/11/2021 at 11:03 AM

Abutters List
Date: May 11, 2021
Subject Property: Spy Pond
Search Distance: 100 Feet – Conservation

Prop ID: 10-5-6
Prop Location: 49 POND LN Arlington, MA
Owner: PHELPS CHRISTOPHER B & HEATHER
Co-Owner:
Mailing Address:
49 POND LANE
ARLINGTON, MA 02474

Prop ID: 10-5-7.A
Prop Location: 51-53 POND LN Arlington, MA
Owner: A.B.G.C. FRIENDS INC.
Co-Owner:
Mailing Address:
C/O DEREK CURRAN
60 POND LN
ARLINGTON, MA 02476

Prop ID: 10-5-9
Prop Location: 56 POND LN Arlington, MA
Owner: ARLINGTON ELKS BLDG CORP
Co-Owner:
Mailing Address:
56 POND LANE
ARLINGTON, MA 02474

Prop ID: 10.A-5-1
Prop Location: 46-48 POND LN UNIT 1 Arlington, MA
Owner: MORRISON LAI-KUEN & DONALD M
Co-Owner:
Mailing Address:
46 POND LN UNIT 1
ARLINGTON, MA 02474

Prop ID: 10.A-5-2
Prop Location: 46-48 POND LN UNIT 2 Arlington, MA
Owner: RUSSELL KAREN J
Co-Owner:
Mailing Address:
46 POND LANE UNIT 2
ARLINGTON, MA 02474

Prop ID: 12-1-1
Prop Location: 40-42 ALFRED RD Arlington, MA
Owner: PERO JAMES L--ETAL
Co-Owner: PERO BEVERLY J
Mailing Address:
43 CANDLEBERRY LANE
HARVARD, MA 01451

Prop ID: 121-1-8
Prop Location: 24-26 LAKEVIEW Arlington, MA
Owner: BOWES ROBERT E
Co-Owner:
Mailing Address:
26 LAKEVIEW
ARLINGTON, MA 02476

Prop ID: 121-2-10
Prop Location: 36 PEABODY RD Arlington, MA
Owner: JESSEN IAN
Co-Owner: HATCH ELIZA
Mailing Address:
36 PEABODY RD
ARLINGTON, MA 02476

Prop ID: 12-1-22
Prop Location: 41-43 PONDVIEW RD Arlington, MA
Owner: MURPHY KATHRYN & GLENN
Co-Owner: MURPHY EMMA & DITTO DREW
Mailing Address:
41-43 PONDVIEW RD
ARLINGTON, MA 02474

Prop ID: 121-2-9
Prop Location: 45 HOPKINS RD Arlington, MA
Owner: CAP GMBH
Co-Owner:
Mailing Address:
PO BOX 292
ARLINGTON, MA 02476

Prop ID: 121-3-11
Prop Location: 0-LOT HOPKINS RD Arlington, MA
Owner: TIFFANY ANDREW/CAROLYN
Co-Owner:
Mailing Address:
44 HOPKINS RD
ARLINGTON, MA 02476

Prop ID: 121-4-11
Prop Location: 0-LOT ADDISON ST Arlington, MA
Owner: TOWN OF ARLINGTON CHAP 111
Co-Owner: TOWN MANAGER
Mailing Address:
730 MASS AVE
ARLINGTON, MA 02476

Prop ID: 121-4-11.A
Prop Location: 0-LOT ADDISON ST Arlington, MA
Owner: TOWN OF ARLINGTON
Co-Owner:
Mailing Address:
730 MASS AVE
ARLINGTON, MA 02476

Prop ID: 121-4-12
Prop Location: 36 ADDISON ST Arlington, MA
Owner: CHASAN GWEN B
Co-Owner:
Mailing Address:
36 ADDISON STREET
ARLINGTON, MA 02476

Prop ID: 121-4-13
Prop Location: 34 ADDISON ST Arlington, MA
Owner: SMITH ANA R/TRUSTEE
Co-Owner: ANA SMITH TRUST
Mailing Address:
34 ADDISON ST
ARLINGTON, MA 02476

Prop ID: 121-4-9.A
Prop Location: 39 WELLINGTON ST UNIT A Arlington, MA
Owner: HOWARD PETER M & KEIKO
Co-Owner:
Mailing Address:
39 WELLINGTON ST #39
ARLINGTON, MA 02476

Prop ID: 121-4-9.B
Prop Location: 39 WELLINGTON ST UNIT B Arlington, MA
Owner: TABERNER AIMEE LAURA
Co-Owner:
Mailing Address:
41 WELLINGTON ST
ARLINGTON, MA 02476

Prop ID: 121-6-2
Prop Location: 0-LOT POND LN Arlington, MA
Owner: TOWN OF ARLINGTON PARK
Co-Owner:
Mailing Address:
730 MASS AVE
ARLINGTON, MA 02476

Prop ID: 121-7-1
Prop Location: 60 POND LN Arlington, MA
Owner: ARLINGTON BOYS CLUB INC
Co-Owner:
Mailing Address:
60 POND LANE
ARLINGTON, MA 02474

Prop ID: 121.A-3-10
Prop Location: 33 ADDISON ST UNIT 33 Arlington, MA
Owner: MACDONALD KYLE
Co-Owner:
Mailing Address:
33 ADDISON ST
ARLINGTON, MA 02476

Prop ID: 121.A-3-11
Prop Location: 33 ADDISON ST UNIT 35 Arlington, MA
Owner: LOUISE DOROTHY
Co-Owner:
Mailing Address:
35 ADDISON ST UNIT 2
ARLINGTON, MA 02476

Prop ID: 122-4-1
Prop Location: 10 CHAPMAN ST Arlington, MA
Owner: LOH SALLY WO-KWUN
Co-Owner:
Mailing Address:
10 CHAPMAN STREET
ARLINGTON, MA 02476

Prop ID: 122-4-10
Prop Location: 0-LOT SPRING VALLEY Arlington, MA
Owner: JARDINE ALICE A /TRUSTEE
Co-Owner: ALICE A JARDINE TRUST
Mailing Address:
21 SPRING VALLEY
ARLINGTON, MA 02476

Prop ID: 122-4-13.A
Prop Location: 25 SPRING VALLEY Arlington, MA
Owner: CARTER E EUGENE--ETAL
Co-Owner: RITA RODRIGUEZ
Mailing Address:
25 SPRING VALLEY
ARLINGTON, MA 02476

Prop ID: 122-4-16
Prop Location: 0-LOT SHORE RD Arlington, MA
Owner: CARTER E EUGENE--ETAL
Co-Owner: RITA RODRIGUEZ
Mailing Address:
25 SPRING VALLEY
ARLINGTON, MA 02476

Prop ID: 122-5-16.B
Prop Location: 19 LAKEVIEW Arlington, MA
Owner: BARBERA MARIANNE
Co-Owner:
Mailing Address:
19 LAKEVIEW
ARLINGTON, MA 02476

Prop ID: 122-5-17
Prop Location: 17-1/2 LAKEVIEW Arlington, MA
Owner: BOUDREAU MARK E &
Co-Owner: ZEILER KATHRYN M
Mailing Address:
17 LAKEVIEW ST # 1/2
ARLINGTON, MA 02476-8117

Prop ID: 122-6-10
Prop Location: 0-LOT SHORE RD Arlington, MA
Owner: MURDOCK GREGORY P
Co-Owner: EVANS MARA S
Mailing Address:
34 GOULD RD
ARLINGTON, MA 02476

Prop ID: 122-6-11
Prop Location: 34 GOULD RD Arlington, MA
Owner: MURDOCK GREGORY P
Co-Owner: EVANS MARA S
Mailing Address:
34 GOULD RD
ARLINGTON, MA 02476

Prop ID: 122-6-12
Prop Location: 30 GOULD RD Arlington, MA
Owner: GILLETTE JONATHON H/ TRUSTEE
Co-Owner: JONATHON H GILLETTE LIVING TR
Mailing Address:
30 GOULD ROAD
ARLINGTON, MA 02476

Prop ID: 122-6-6
Prop Location: 0-LOT CHAPMAN ST Arlington, MA
Owner: BERMAN JUDITH L/TRUSTEE
Co-Owner: JUDITH L BERMAN REVOCABLE TR
Mailing Address:
4 DEVEREAUX ST
ARLINGTON, MA 02476

Prop ID: 122-6-7
Prop Location: 0-LOT SHORE RD Arlington, MA
Owner: STARK MARGO D/ETAL
Co-Owner: FREUNDLICH DOUGLAS
Mailing Address:
8 DEVEREAUX STREET
ARLINGTON, MA 02476

Prop ID: 122-6-8.A
Prop Location: 0-LOT SHORE RD Arlington, MA
Owner: RICCI GERALDINE R
Co-Owner: RICCI STEPHEN J
Mailing Address:
10 DEVEREAUX ST
ARLINGTON, MA 02476

Prop ID: 122-6-9
Prop Location: 14 DEVEREAUX ST Arlington, MA
Owner: MACPHERSON WILLIAM
Co-Owner: LYDECKER KATHERINE
Mailing Address:
14 DEVEREAUX ST
ARLINGTON, MA 02476

Prop ID: 122-7-1
Prop Location: 0-LOT ELIZABETH ISLAND Arlington, MA
Owner: ARLINGTON LAND TRUST, INC
Co-Owner:
Mailing Address:
PO BOX 492
ARLINGTON, MA 02476

Prop ID: 123-2-1
Prop Location: 240 PLEASANT ST Arlington, MA
Owner: BALAZS MARIANNE E
Co-Owner:
Mailing Address:
19 ANNETT AVE
EDGEWATER, NJ 07020

Prop ID: 123-2-14.A
Prop Location: 21 GOULD RD Arlington, MA
Owner: SNODGRASS JENNIFER
Co-Owner: BELKNAP PETER C
Mailing Address:
21 GOULD ROAD
ARLINGTON, MA 02476

Prop ID: 123-2-15.A
Prop Location: 0-LOT GOULD RD Arlington, MA
Owner: SULLIVAN KARA
Co-Owner: LINDGREN JOHN LEE
Mailing Address:
25 GOULD RD
ARLINGTON, MA 02476

Prop ID: 123-2-16.A
Prop Location: 25 GOULD RD Arlington, MA
Owner: SULLIVAN KARA
Co-Owner: LINDGREN JOHN LEE
Mailing Address:
25 GOULD RD
ARLINGTON, MA 02476

Prop ID: 123-2-17
Prop Location: 0-LOT SHORE RD Arlington, MA
Owner: SULLIVAN KARA
Co-Owner: LINDGREN JOHN LEE
Mailing Address:
25 GOULD RD
ARLINGTON, MA 02476

Prop ID: 123-2-2.A
Prop Location: 232 PLEASANT ST UNIT A Arlington, MA
Owner: FRIIS JACOB & HYUN-A PARK
Co-Owner:
Mailing Address:
232 PLEASANT STREET
ARLINGTON, MA 02476

Prop ID: 123-2-2.B
Prop Location: 232 PLEASANT ST UNIT B Arlington, MA
Owner: DUFFY NIALL & SABINE
Co-Owner:
Mailing Address:
6704 WEMBERLY WAY
MCLEAN, VA 22101

Prop ID: 123-2-3
Prop Location: 224-226 PLEASANT ST Arlington, MA
Owner: PERELI JULIUS R & MARTHA G
Co-Owner:
Mailing Address:
224-226 PLEASANT ST
ARLINGTON, MA 02476

Prop ID: 123-2-4
Prop Location: 220 PLEASANT ST Arlington, MA
Owner: HIBBETT AKIKO Y/ TRUSTEE
Co-Owner: AKIKO HIBBETT FAMILY TRUST
Mailing Address:
C/O DAVID HIBBETT
48 OAK DR
UPTON, MA 01568

Prop ID: 123-2-6
Prop Location: 218 PLEASANT ST Arlington, MA
Owner: LIU YU-HSIOU
Co-Owner: ISIK IBRAHIM
Mailing Address:
218 PLEASANT ST
ARLINGTON, MA 02476

Prop ID: 123-2-6.E
Prop Location: 212 PLEASANT ST Arlington, MA
Owner: PAHIGIAN CHRISTINE
Co-Owner:
Mailing Address:
200 S BROADWAY
HASTINGS-ON-HUDSON, NY 10706

Prop ID: 123-2-7
Prop Location: 208 PLEASANT ST Arlington, MA
Owner: HARTES LLC
Co-Owner:
Mailing Address:
136 BOYLSTON ST UNIT 4
BOSTON, MA 02116

Prop ID: 123-2-7.A
Prop Location: 204-206 PLEASANT ST Arlington, MA
Owner: ARONSON RICHARD B/ TRUSTEE
Co-Owner: SIRAH REALTY TRUST
Mailing Address:
204 PLEASANT ST
ARLINGTON, MA 02476

Prop ID: 123-2-7.B
Prop Location: 210 PLEASANT ST Arlington, MA
Owner: HART ALEXIS C
Co-Owner:
Mailing Address:
208 PLEASANT ST
ARLINGTON, MA 02476

Prop ID: 12-4-1.A
Prop Location: 15 PRINCETON RD Arlington, MA
Owner: MUSIAL PETER M &
Co-Owner: MUSIAL-SIWEK MONIKA
Mailing Address:
15 PRINCETON RD
ARLINGTON, MA 02474

Prop ID: 12-4-2
Prop Location: 47 SPY POND LN Arlington, MA
Owner: CONNOLLY MICHAEL ROBERT
Co-Owner:
Mailing Address:
47 SPY POND LN
ARLINGTON, MA 02474

Prop ID: 12-4-2.A
Prop Location: 49 SPY POND LN Arlington, MA
Owner: SEAVER PROPERTIES LLC
Co-Owner:
Mailing Address:
215 LEXINGTON ST
WOBURN, MA 01801

Prop ID: 12-4-3
Prop Location: 11 PRINCETON RD Arlington, MA
Owner: FERBER BENJAMIN E &
Co-Owner: DONOFRIO AIMEE K
Mailing Address:
11 PRINCETON ROAD
ARLINGTON, MA 02474

Prop ID: 12-4-4
Prop Location: 9 PRINCETON RD Arlington, MA
Owner: CAMERON MELANIE
Co-Owner:
Mailing Address:
9 PRINCETON RD
ARLINGTON, MA 02474

Prop ID: 137-5-1
Prop Location: 244 PLEASANT ST Arlington, MA
Owner: ROSENFIELD BRUCE A/ TRUSTEE
Co-Owner: BERNARD G & GERALDINE R SEGAL
Mailing Address:
244 PLEASANT STREET
ARLINGTON, MA 02476

Prop ID: 137-5-2
Prop Location: 246 PLEASANT ST Arlington, MA
Owner: EYKAMP WILLIAM & MYRIEL C
Co-Owner:
Mailing Address:
246 PLEASANT STREET
ARLINGTON, MA 02476

Prop ID: 137-5-3
Prop Location: 248 PLEASANT ST Arlington, MA
Owner: YU ZHENHONG
Co-Owner: YU YUE
Mailing Address:
248 PLEASANT ST
ARLINGTON, MA 02476

Prop ID: 137-5-4
Prop Location: 252 PLEASANT ST Arlington, MA
Owner: SCHWEICH PETER
Co-Owner:
Mailing Address:
252 PLEASANT STREET
ARLINGTON, MA 02476

Prop ID: 137-5-5
Prop Location: 256 PLEASANT ST Arlington, MA
Owner: SMITH MAUREEN P
Co-Owner:
Mailing Address:
256 PLEASANT STREET
ARLINGTON, MA 02476

Prop ID: 18-9-1
Prop Location: 42 SPY POND PKWY Arlington, MA
Owner: GALVIN SEAN D/TRUSTEE
Co-Owner: 389 MASS AVE REALTY TRUST
Mailing Address:
630 HIGH STREET
MEDFORD, MA 02155

Prop ID: 18-9-2
Prop Location: 46 SPY POND PKWY Arlington, MA
Owner: GALVIN SEAN D & MARIMAR
Co-Owner:
Mailing Address:
46 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 18-9-3
Prop Location: 38 SPY POND PKWY Arlington, MA
Owner: HURD JOHN/DALE
Co-Owner:
Mailing Address:
38 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 18-9-4
Prop Location: 34 SPY POND PKWY Arlington, MA
Owner: CELLA JOSEPH A/STEVEN R
Co-Owner:
Mailing Address:
34 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 19-1-1
Prop Location: 50 SPY POND PKWY Arlington, MA
Owner: COOPER MARGO M
Co-Owner:
Mailing Address:
50 SPY POND PARKWAY
ARLINGTON, MA 02474

Prop ID: 19-1-10.A
Prop Location: 18 SHERATON PK Arlington, MA
Owner: LAKE G F & L C
Co-Owner:
Mailing Address:
18 SHERATON PARK
ARLINGTON, MA 02474

Prop ID: 19-1-11.A
Prop Location: 22 SHERATON PK Arlington, MA
Owner: PURCELL DANIEL A & ROBIN/TRS
Co-Owner: THE PURCELL TRUST
Mailing Address:
22 SHERATON PARK
ARLINGTON, MA 02474

Prop ID: 19-1-12
Prop Location: 31 SHERATON PK Arlington, MA
Owner: SACCO ELAINE M
Co-Owner:
Mailing Address:
24 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 19-1-13
Prop Location: 27 SHERATON PK Arlington, MA
Owner: NOYES ROBERT W-HARRIET T
Co-Owner:
Mailing Address:
27 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 19-1-14
Prop Location: 23 SHERATON PK Arlington, MA
Owner: MIETTINEN PASI P
Co-Owner: GARRETT KATIE
Mailing Address:
23 SHERATON PARK
ARLINGTON, MA 02474

Prop ID: 19-1-15
Prop Location: 19 SHERATON PK Arlington, MA
Owner: MAVALVALA NERGIS
Co-Owner: KHAN AIDA
Mailing Address:
19 SHERATON PARK
ARLINGTON, MA 02474

Prop ID: 19-1-16
Prop Location: 15 SHERATON PK Arlington, MA
Owner: CEPPI FRANCIS G/TR
Co-Owner: FRANCIS G CEPPI REVOCABLE
Mailing Address:
15 SHERATON PARK
ARLINGTON, MA 02474

Prop ID: 19-1-2
Prop Location: 54 SPY POND PKWY Arlington, MA
Owner: DE VENECIA RONALD K
Co-Owner:
Mailing Address:
54 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 19-1-22.A
Prop Location: 96 SPY POND PKWY Arlington, MA
Owner: ZIPES JANET L
Co-Owner:
Mailing Address:
96 SPY POND PKWY.
ARLINGTON, MA 02474

Prop ID: 19-1-23.A
Prop Location: 100 SPY POND PKWY Arlington, MA
Owner: TIBBETTS ALETTA & RICHARD
Co-Owner:
Mailing Address:
20 ELIOT RD
ARLINGTON, MA 02474

Prop ID: 19-1-24.B
Prop Location: 104 SPY POND PKWY Arlington, MA
Owner: HERMAN BETSY H/ LIFE ESTATE
Co-Owner:
Mailing Address:
104 SPY POND PARKWAY
ARLINGTON, MA 02474

Prop ID: 19-1-3
Prop Location: 0-LOT SPY POND PKWY Arlington, MA
Owner: KELWYN MANOR ASSOCIATION IN
Co-Owner:
Mailing Address:
23 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 19-1-4
Prop Location: 74 SPY POND PKWY Arlington, MA
Owner: BARBER BRADFORD C
Co-Owner:
Mailing Address:
74 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 19-1-5
Prop Location: 76 SPY POND PKWY Arlington, MA
Owner: PRESTON ALAN/LUANA TRUSTEE
Co-Owner: 76 SPY POND PKWY TRUST
Mailing Address:
76 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 19-1-6
Prop Location: 2 SHERATON PK Arlington, MA
Owner: THOMAS DARCY GRANT/ TRUSTEE
Co-Owner: DARCY GRANT THOMAS LIVING TR
Mailing Address:
2 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 19-1-7
Prop Location: 6 SHERATON PK Arlington, MA
Owner: FINGER JONATHAN R &
Co-Owner: KYCIA CAROL ANNE
Mailing Address:
6 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 19-1-8
Prop Location: 10 SHERATON PK Arlington, MA
Owner: PETRYSHEN TRACEY
Co-Owner:
Mailing Address:
10 SHERATON PK
ARLINGTON, MA 02474

Prop ID: 19-1-9
Prop Location: 14 SHERATON PK Arlington, MA
Owner: TRIBE CAROLYN A
Co-Owner:
Mailing Address:
5 ASH STREET
CAMBRIDGE, MA 02138

Prop ID: 20-3-1
Prop Location: 114 SPY POND PKWY Arlington, MA
Owner: CAHILL RICHARD
Co-Owner:
Mailing Address:
114 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 20-3-2
Prop Location: 0-LOT SPY POND PKWY Arlington, MA
Owner: BALAZS ANDRE T
Co-Owner:
Mailing Address:
158 MERCER ST
10TH FLOOR
NEW YORK, NY 10012

Prop ID: 20-3-3
Prop Location: 122 SPY POND PKWY Arlington, MA
Owner: FANTASIA SALVATORE/FRANCA
Co-Owner:
Mailing Address:
122 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 20-3-4
Prop Location: 0-LOT SPY POND LN Arlington, MA
Owner: FANTASIA SALVATORE C/FRANCA
Co-Owner:
Mailing Address:
122 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 20-5-1
Prop Location: 71 SPY POND LN Arlington, MA
Owner: TURANO RONA B
Co-Owner:
Mailing Address:
71 SPY POND LANE
ARLINGTON, MA 02474

Prop ID: 20-5-1.A
Prop Location: 65 SPY POND LN Arlington, MA
Owner: DE LEO JOHN M/TRUSTEE
Co-Owner: DELEO FAMILY TRUST
Mailing Address:
65 SPY POND LANE
ARLINGTON, MA 02474

Prop ID: 20-5-2
Prop Location: 61 SPY POND LN Arlington, MA
Owner: CHADWICK DANIEL/ETAL
Co-Owner: GOLDSTEIN ROBIN E
Mailing Address:
61 SPY POND LANE
ARLINGTON, MA 02474

Prop ID: 20-5-3
Prop Location: 57 SPY POND LN Arlington, MA
Owner: KAPLAN WILLIAM H
Co-Owner:
Mailing Address:
57 SPY POND LANE
ARLINGTON, MA 02474

Prop ID: 20-5-4
Prop Location: 53 SPY POND LN Arlington, MA
Owner: LOEFFLER EVAN/TRUSTEE
Co-Owner: SHAYNA W LOEFFLER IRREVOCABLE
Mailing Address:
53 SPY POND LANE
ARLINGTON, MA 02474

Prop ID: 20.A-1-101
Prop Location: 18 HAMILTON RD UNIT 101 Arlington, MA
Owner: HAINES LINDA J/ TRUSTEE
Co-Owner: HAINES FAMILY TRUST
Mailing Address:
18 HAMILTON RD #101
ARLINGTON, MA 02474

Prop ID: 20.A-1-102
Prop Location: 18 HAMILTON RD UNIT 102 Arlington, MA
Owner: KATES MICHAEL S
Co-Owner:
Mailing Address:
21 GREYSTONE CT
BURLINGTON, MA 01803

Prop ID: 20.A-1-103
Prop Location: 18 HAMILTON RD UNIT 103 Arlington, MA
Owner: BETTENCOURT PAULA/MARIO
Co-Owner:
Mailing Address:
43 AMSDEN
ARLINGTON, MA 02474

Prop ID: 20.A-1-104
Prop Location: 18 HAMILTON RD UNIT 104 Arlington, MA
Owner: MC EWEN KAREN B
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #104
ARLINGTON, MA 02474

Prop ID: 20.A-1-105
Prop Location: 18 HAMILTON RD UNIT 105 Arlington, MA
Owner: BAYSTATE CONDOMINIUMS LLC
Co-Owner:
Mailing Address:
956 MASS AVE
LEXINGTON, MA 02420

Prop ID: 20.A-1-106
Prop Location: 18 HAMILTON RD UNIT 106 Arlington, MA
Owner: BOJANIC IRENA
Co-Owner: SEGRT JANKO
Mailing Address:
115 BACON ST
NATICK, MA 01760

Prop ID: 20.A-1-107
Prop Location: 18 HAMILTON RD UNIT 107 Arlington, MA
Owner: STALCUP WILLIAM S
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #107
ARLINGTON, MA 02474

Prop ID: 20.A-1-108
Prop Location: 18 HAMILTON RD UNIT 108 Arlington, MA
Owner: BASSALEH JOSEPH &
Co-Owner: DECARLO MADELEINE
Mailing Address:
18 HAMILTON RD #108
ARLINGTON, MA 02474

Prop ID: 20.A-1-201
Prop Location: 18 HAMILTON RD UNIT 201 Arlington, MA
Owner: POLLINA VINCENT J
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #201
ARLINGTON, MA 02474

Prop ID: 20.A-1-202
Prop Location: 18 HAMILTON RD UNIT 202 Arlington, MA
Owner: CADWGAN JOHONNA L
Co-Owner:
Mailing Address:
18 HAMILTON RD #202
ARLINGTON, MA 02474

Prop ID: 20.A-1-203
Prop Location: 18 HAMILTON RD UNIT 203 Arlington, MA
Owner: ESTEVES ISIS E
Co-Owner:
Mailing Address:
12 CONIFER LN
AMHERST, NH 03031

Prop ID: 20.A-1-204
Prop Location: 18 HAMILTON RD UNIT 204 Arlington, MA
Owner: HARRIS ELWYN EVERETT
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #204
ARLINGTON, MA 02474

Prop ID: 20.A-1-205
Prop Location: 18 HAMILTON RD UNIT 205 Arlington, MA
Owner: POOR RIVA/ TRUSTEE
Co-Owner: RIVA POOR 2016 TRUST
Mailing Address:
73 KIRKLAND ST
CAMBRIDGE, MA 02138

Prop ID: 20.A-1-206
Prop Location: 18 HAMILTON RD UNIT 206 Arlington, MA
Owner: STRICKLAND BARBARA B
Co-Owner:
Mailing Address:
18 HAMILTON RD UNIT 206
ARLINGTON, MA 02474

Prop ID: 20.A-1-207
Prop Location: 18 HAMILTON RD UNIT 207 Arlington, MA
Owner: MAHER JAMES M/ TRUSTEE
Co-Owner: 18 HAMILTON REALTY TRUST
Mailing Address:
966 BROADWAY
SOMERVILLE, MA 02144

Prop ID: 20.A-1-208
Prop Location: 18 HAMILTON RD UNIT 208 Arlington, MA
Owner: ALBERT ALEXANDER C
Co-Owner:
Mailing Address:
18 HAMILTON RD #208
ARLINGTON, MA 02474

Prop ID: 20.A-1-301
Prop Location: 18 HAMILTON RD UNIT 301 Arlington, MA
Owner: KALBER VIVIAN A/TRUSTEE
Co-Owner: VIVIAN A KALBER REVOCABLE TR
Mailing Address:
18 HAMILTON ROAD #301
ARLINGTON, MA 02474

Prop ID: 20.A-1-302
Prop Location: 18 HAMILTON RD UNIT 302 Arlington, MA
Owner: ESPOSITO PAUL
Co-Owner:
Mailing Address:
776 MAIN STREET
WAKEFIELD, MA 01880

Prop ID: 20.A-1-303
Prop Location: 18 HAMILTON RD UNIT 303 Arlington, MA
Owner: CROMER MACEDO LLC
Co-Owner:
Mailing Address:
15 VIRGINIA ST
SOMERVILLE, MA 02145

Prop ID: 20.A-1-304
Prop Location: 18 HAMILTON RD UNIT 304 Arlington, MA
Owner: ONEIL NANCY
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #304
ARLINGTON, MA 02474

Prop ID: 20.A-1-305
Prop Location: 18 HAMILTON RD UNIT 305 Arlington, MA
Owner: OWEN ELIZABETH M
Co-Owner:
Mailing Address:
18 HAMILTON RD #305
ARLINGTON, MA 02474

Prop ID: 20.A-1-306
Prop Location: 18 HAMILTON RD UNIT 306 Arlington, MA
Owner: TORRESYAP GAY
Co-Owner:
Mailing Address:
18 HAMILTON RD UNIT 306
ARLINGTON, MA 02474

Prop ID: 20.A-1-307
Prop Location: 18 HAMILTON RD UNIT 307 Arlington, MA
Owner: DOUGAN BARBARA J/ LIFE ESTATE
Co-Owner:
Mailing Address:
18 HAMILTON ROAD
UNIT 307
ARLINGTON, MA 02474

Prop ID: 20.A-1-308
Prop Location: 18 HAMILTON RD UNIT 308 Arlington, MA
Owner: CLARK LINDA M/ TRUSTEE
Co-Owner: LINDA M CLARK REALTY TRUST
Mailing Address:
18 HAMILTON RD #308
ARLINGTON, MA 02474

Prop ID: 20.A-1-401
Prop Location: 18 HAMILTON RD UNIT 401 Arlington, MA
Owner: FINELLI ALYCE
Co-Owner:
Mailing Address:
177 PEMBERTON ST UNIT 14
CAMBRIDGE, MA 02140

Prop ID: 20.A-1-402
Prop Location: 18 HAMILTON RD UNIT 402 Arlington, MA
Owner: LIU YANG
Co-Owner: MIN YAO
Mailing Address:
26 LEDGELAWN AVE
LEXINGTON, MA 02420

Prop ID: 20.A-1-403
Prop Location: 18 HAMILTON RD UNIT 403 Arlington, MA
Owner: MEADOWS JULIE A
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #403
ARLINGTON, MA 02474

Prop ID: 20.A-1-404
Prop Location: 18 HAMILTON RD UNIT 404 Arlington, MA
Owner: KOLEV VIHREN N
Co-Owner: KOLEVA ROSITSA
Mailing Address:
17 REED ST #1
ARLINGTON, MA 02474

Prop ID: 20.A-1-405
Prop Location: 18 HAMILTON RD UNIT 405 Arlington, MA
Owner: KWAK MICHELLE C
Co-Owner:
Mailing Address:
511 TUMBLING HAWK
ACTON, MA 01718

Prop ID: 20.A-1-406
Prop Location: 18 HAMILTON RD UNIT 406 Arlington, MA
Owner: MURPHY KATHERINE
Co-Owner: HERBERT PATRICIA
Mailing Address:
18 HAMILTON RD #406
ARLINGTON, MA 02474

Prop ID: 20.A-1-407
Prop Location: 18 HAMILTON RD UNIT 407 Arlington, MA
Owner: WALSH LAUREN/ TRUSTEE
Co-Owner: SPY POND CONDO TRUST
Mailing Address:
144 WHITE ST
BELMONT, MA 02478

Prop ID: 20.A-1-408
Prop Location: 18 HAMILTON RD UNIT 408 Arlington, MA
Owner: GOODMAN THEODORE & CHIKAKO/ TRS
Co-Owner: CHIKAKO GOODMAN REVOCABLE TR
Mailing Address:
18 HAMILTON RD UNIT 408
ARLINGTON, MA 02474

Prop ID: 20.A-1-501
Prop Location: 18 HAMILTON RD UNIT 501 Arlington, MA
Owner: MOREIRA JOSEPH
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #501
ARLINGTON, MA 02474

Prop ID: 20.A-1-502
Prop Location: 18 HAMILTON RD UNIT 502 Arlington, MA
Owner: KLEIN MARA L
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #502
ARLINGTON, MA 02474

Prop ID: 20.A-1-503
Prop Location: 18 HAMILTON RD UNIT 503 Arlington, MA
Owner: LAHAIE CLAUDETTE M
Co-Owner:
Mailing Address:
83 SASSAFRAS ST
WELLS, ME 04090

Prop ID: 20.A-1-504
Prop Location: 18 HAMILTON RD UNIT 504 Arlington, MA
Owner: COTRONEO VINCENZO
Co-Owner:
Mailing Address:
18 HAMILTON RD #504
ARLINGTON, MA 02474

Prop ID: 20.A-1-505
Prop Location: 18 HAMILTON RD UNIT 505 Arlington, MA
Owner: GOYAL KAPISH
Co-Owner:
Mailing Address:
858 POINT WAY
VA BEACH, VA 23462

Prop ID: 20.A-1-506
Prop Location: 18 HAMILTON RD UNIT 506 Arlington, MA
Owner: TOPLIN HOLDEN &
Co-Owner: YANG ZHENYAN
Mailing Address:
18 HAMILTON ROAD #506
ARLINGTON, MA 02474

Prop ID: 20.A-1-507
Prop Location: 18 HAMILTON RD UNIT 507 Arlington, MA
Owner: POST ARJAN
Co-Owner:
Mailing Address:
18 HAMILTON ROAD #507
ARLINGTON, MA 02474

Prop ID: 20.A-1-508
Prop Location: 18 HAMILTON RD UNIT 508 Arlington, MA
Owner: OHN KIMBERLY
Co-Owner:
Mailing Address:
18 HAMILTON RD
UNIT 508
ARLINGTON, MA 02474

Prop ID: 20.A-2-101
Prop Location: 20 HAMILTON RD UNIT 101 Arlington, MA
Owner: PATEY SARA
Co-Owner:
Mailing Address:
8 PARKER RD
SHIRLEY, MA 01464

Prop ID: 20.A-2-102
Prop Location: 20 HAMILTON RD UNIT 102 Arlington, MA
Owner: SULLIVAN DIANE M
Co-Owner:
Mailing Address:
20 HAMILTON RD #102
ARLINGTON, MA 02474

Prop ID: 20.A-2-103
Prop Location: 20 HAMILTON RD UNIT 103 Arlington, MA
Owner: BETTENCOURT MARIO S--ETAL
Co-Owner: BETTENCOURT PAULA M
Mailing Address:
43 AMSDEN STREET
ARLINGTON, MA 02474

Prop ID: 20.A-2-104
Prop Location: 20 HAMILTON RD UNIT 104 Arlington, MA
Owner: CARROLL THOMAS J JR/ TRUSTEE
Co-Owner: MOCCIA IRREVOCABLE TRUST
Mailing Address:
132 ROBBINS RD
ARLINGTON, MA 02476

Prop ID: 20.A-2-105
Prop Location: 22 HAMILTON RD UNIT 105 Arlington, MA
Owner: SEGRT JANKO
Co-Owner: BOJANIC IRENA
Mailing Address:
115 BACON ST
NATICK, MA 01760

Prop ID: 20.A-2-106
Prop Location: 22 HAMILTON RD UNIT 106 Arlington, MA
Owner: ZHAO LIJIAN
Co-Owner: KANTOR MARK
Mailing Address:
75 BEVERLY RD
ARLINGTON, MA 02474

Prop ID: 20.A-2-107
Prop Location: 22 HAMILTON RD UNIT 107 Arlington, MA
Owner: MARGOLIN BARRY W
Co-Owner:
Mailing Address:
22 HAMILTON ROAD #107
ARLINGTON, MA 02474

Prop ID: 20.A-2-108
Prop Location: 22 HAMILTON RD UNIT 108 Arlington, MA
Owner: FUCHS DEBORAH
Co-Owner:
Mailing Address:
PO BOX 23
PETERSHAM, MA 01366

Prop ID: 20.A-2-201
Prop Location: 20 HAMILTON RD UNIT 201 Arlington, MA
Owner: O CONNOR WILLIAM J
Co-Owner:
Mailing Address:
20 HAMILTON ROAD #201
ARLINGTON, MA 02474

Prop ID: 20.A-2-202
Prop Location: 20 HAMILTON RD UNIT 202 Arlington, MA
Owner: OBRIEN HAYLEY E
Co-Owner:
Mailing Address:
20 HAMILTON ROAD #202
ARLINGTON, MA 02474

Prop ID: 20.A-2-203
Prop Location: 20 HAMILTON RD UNIT 203 Arlington, MA
Owner: SULLIVAN DIANE M
Co-Owner: KNOTT FRANCES K
Mailing Address:
20 HAMILTON RD UNIT 102
ARLINGTON, MA 02474

Prop ID: 20.A-2-204
Prop Location: 20 HAMILTON RD UNIT 204 Arlington, MA
Owner: MATHIASEN KAREN
Co-Owner:
Mailing Address:
20 HAMILTON ROAD #204
ARLINGTON, MA 02474

Prop ID: 20.A-2-205
Prop Location: 22 HAMILTON RD UNIT 205 Arlington, MA
Owner: HALLIDAY MARK
Co-Owner:
Mailing Address:
54 BRANTWOOD RD
ARLINGTON, MA 02476

Prop ID: 20.A-2-206
Prop Location: 22 HAMILTON RD UNIT 206 Arlington, MA
Owner: TINCH PETER M
Co-Owner:
Mailing Address:
22 HAMILTON ROAD #206
ARLINGTON, MA 02474

Prop ID: 20.A-2-207
Prop Location: 22 HAMILTON RD UNIT 207 Arlington, MA
Owner: GARDNER P J
Co-Owner:
Mailing Address:
22 HAMILTON ROAD #207
ARLINGTON, MA 02474

Prop ID: 20.A-2-208
Prop Location: 22 HAMILTON RD UNIT 208 Arlington, MA
Owner: CARROLL THOMAS J/CORINNE K
Co-Owner:
Mailing Address:
132 ROBBINS RD
ARLINGTON, MA 02476

Prop ID: 20.A-2-301
Prop Location: 20 HAMILTON RD UNIT 301 Arlington, MA
Owner: RANDOLPH ANNE
Co-Owner:
Mailing Address:
20 HAMILTON ROAD #301
ARLINGTON, MA 02474

Prop ID: 20.A-2-302
Prop Location: 20 HAMILTON RD UNIT 302 Arlington, MA
Owner: BODNYA RAISA/LEONID/TRS
Co-Owner: BODNYA TRUST
Mailing Address:
20 HAMILTON ROAD #302
ARLINGTON, MA 02474

Prop ID: 20.A-2-303
Prop Location: 20 HAMILTON RD UNIT 303 Arlington, MA
Owner: ROCKLAND TRUST COMPANY/ TRS
Co-Owner: ROCHELLE ANDREA WOLFE TRUST
Mailing Address:
2036 WASHINGTON ST
HANOVER, MA 02339

Prop ID: 20.A-2-304
Prop Location: 20 HAMILTON RD UNIT 304 Arlington, MA
Owner: BROWN GERDA
Co-Owner:
Mailing Address:
20 HAMILTON ROAD #304
ARLINGTON, MA 02474

Prop ID: 20.A-2-305
Prop Location: 22 HAMILTON RD UNIT 305 Arlington, MA
Owner: JACOBSON ALAN J
Co-Owner:
Mailing Address:
225 COOLIDGE AVE #106
WATERTOWN, MA 02472

Prop ID: 20.A-2-306
Prop Location: 22 HAMILTON RD UNIT 306 Arlington, MA
Owner: SULLIVAN MARY F
Co-Owner: C/O CONLIN
Mailing Address:
7 DEXTER ROAD
WELLESLEY, MA 02482

Prop ID: 20.A-2-307
Prop Location: 22 HAMILTON RD UNIT 307 Arlington, MA
Owner: FAIOLA CAROL
Co-Owner:
Mailing Address:
22 HAMILTON ROAD #307
ARLINGTON, MA 02474

Prop ID: 20.A-2-308
Prop Location: 22 HAMILTON RD UNIT 308 Arlington, MA
Owner: GILMAN LISA R
Co-Owner:
Mailing Address:
22 HAMILTON ROAD #308
ARLINGTON, MA 02474

Prop ID: 20.A-2-401
Prop Location: 20 HAMILTON RD UNIT 401 Arlington, MA
Owner: FRASER ELIZABETH G
Co-Owner:
Mailing Address:
20 HAMILTON RD #401
ARLINGTON, MA 02474

Prop ID: 20.A-2-402
Prop Location: 22 HAMILTON RD UNIT 402 Arlington, MA
Owner: LIEM SIOE L
Co-Owner:
Mailing Address:
22 HAMILTON ROAD #402
ARLINGTON, MA 02474

Prop ID: 20.A-3-101
Prop Location: 30 HAMILTON RD UNIT 101 Arlington, MA
Owner: FOLEY DENNIS P
Co-Owner:
Mailing Address:
30 HAMILTON RD #101
ARLINGTON, MA 02474

Prop ID: 20.A-3-102
Prop Location: 30 HAMILTON RD UNIT 102 Arlington, MA
Owner: LEUNG EILEEN
Co-Owner: DO HIEN VAN
Mailing Address:
32 PILGRAM RD
BELMONT, MA 02478

Prop ID: 20.A-3-103
Prop Location: 30 HAMILTON RD UNIT 103 Arlington, MA
Owner: YOU GO GIRL! LLC
Co-Owner:
Mailing Address:
38 BOWDOIN ST
CAMBRIDGE, MA 02138

Prop ID: 20.A-3-104
Prop Location: 30 HAMILTON RD UNIT 104 Arlington, MA
Owner: BRASGO LLC
Co-Owner:
Mailing Address:
17 BURROUGHS RD
LEXINGTON, MA 02420

Prop ID: 20.A-3-105
Prop Location: 32 HAMILTON RD UNIT 105 Arlington, MA
Owner: ELLIS ELIZABETH ANN
Co-Owner:
Mailing Address:
1337 MASS AVE #134
ARLINGTON, MA 02476

Prop ID: 20.A-3-106
Prop Location: 32 HAMILTON RD UNIT 106 Arlington, MA
Owner: FLETCHER WILLIAM B
Co-Owner:
Mailing Address:
32 HAMILTON ROAD #106
ARLINGTON, MA 02474

Prop ID: 20.A-3-107
Prop Location: 32 HAMILTON RD UNIT 107 Arlington, MA
Owner: CUMMINS JOHN J JR & STACIA J/
Co-Owner: TRS/SUSAN J CUMMINS FAMILY
Mailing Address:
14 RADCLIFFE RD
ARLINGTON, MA 02474

Prop ID: 20.A-3-108
Prop Location: 32 HAMILTON RD UNIT 108 Arlington, MA
Owner: MASON REBECCA
Co-Owner:
Mailing Address:
32 HAMILTON RD UNIT 108
ARLINGTON, MA 02474

Prop ID: 20.A-3-201
Prop Location: 30 HAMILTON RD UNIT 201 Arlington, MA
Owner: TSERING LHAMO
Co-Owner:
Mailing Address:
4 BRIDLE PATH
SUDBURY, MA 01776

Prop ID: 20.A-3-202
Prop Location: 30 HAMILTON RD UNIT 202 Arlington, MA
Owner: LOUNKINE EUGEN &
Co-Owner: WANG YUAN
Mailing Address:
30 HAMILTON RD UNIT 202
ARLINGTON, MA 02474

Prop ID: 20.A-3-203
Prop Location: 30 HAMILTON RD UNIT 203 Arlington, MA
Owner: O`DONNELL AGNES E & NICHOLAS
Co-Owner: TRS/ AGNES E O`DONNELL 2017
Mailing Address:
30 HAMILTON RD #203
ARLINGTON, MA 02474

Prop ID: 20.A-3-204
Prop Location: 30 HAMILTON RD UNIT 204 Arlington, MA
Owner: MC CORMICK GAIL T/TRUSTEE
Co-Owner: GAIL MC CORMICK TRUST
Mailing Address:
30 HAMILTON RD UNIT 204
ARLINGTON, MA 02474

Prop ID: 20.A-3-205
Prop Location: 32 HAMILTON RD UNIT 205 Arlington, MA
Owner: DE LEO JOSEPH F &
Co-Owner: MANCA MARYBETH
Mailing Address:
188 DALTON RD
BELMONT, MA 02478

Prop ID: 20.A-3-206
Prop Location: 32 HAMILTON RD UNIT 206 Arlington, MA
Owner: SELANDER NANCY
Co-Owner:
Mailing Address:
32 HAMILTON RD #206
ARLINGTON, MA 02474

Prop ID: 20.A-3-207
Prop Location: 32 HAMILTON RD UNIT 207 Arlington, MA
Owner: SCHLEGEL FABRICE
Co-Owner:
Mailing Address:
18 YERXA RD #2
CAMBRIDGE, MA 02140

Prop ID: 20.A-3-208
Prop Location: 32 HAMILTON RD UNIT 208 Arlington, MA
Owner: SNOW JEANNE J/TRUSTEE
Co-Owner: JEANNE SNOW 2005 TRUST
Mailing Address:
32 HAMILTON ROAD #208
ARLINGTON, MA 02474

Prop ID: 20.A-3-301
Prop Location: 30 HAMILTON RD UNIT 301 Arlington, MA
Owner: CASO MICHAEL A
Co-Owner:
Mailing Address:
30 HAMILTON ROAD #301
ARLINGTON, MA 02474

Prop ID: 20.A-3-302
Prop Location: 30 HAMILTON RD UNIT 302 Arlington, MA
Owner: CONSTABLE ROBERT
Co-Owner:
Mailing Address:
343 CODDINGTON RD
ITHACA, NY 14850

Prop ID: 20.A-3-303
Prop Location: 30 HAMILTON RD UNIT 303 Arlington, MA
Owner: LISCO THOMAS E
Co-Owner:
Mailing Address:
30 HAMILTON ROAD #303
ARLINGTON, MA 02474

Prop ID: 20.A-3-304
Prop Location: 30 HAMILTON RD UNIT 304 Arlington, MA
Owner: SCRIBNER FRED C III
Co-Owner:
Mailing Address:
PO BOX 31
PORTLAND, ME 04112

Prop ID: 20.A-3-305
Prop Location: 32 HAMILTON RD UNIT 305 Arlington, MA
Owner: ABBOTT MARK F
Co-Owner:
Mailing Address:
32 HAMILTON RD #305
ARLINGTON, MA 02476

Prop ID: 20.A-3-306
Prop Location: 32 HAMILTON RD UNIT 306 Arlington, MA
Owner: HUANG LI
Co-Owner:
Mailing Address:
32 HAMILTON ROAD #32-306
ARLINGTON, MA 02474

Prop ID: 20.A-3-307
Prop Location: 32 HAMILTON RD UNIT 307 Arlington, MA
Owner: CATALDO LILLIAN
Co-Owner: M/T CATALDO HENRY J
Mailing Address:
15R CHANDLER ST
SOMERVILLE, MA 02144

Prop ID: 20.A-3-308
Prop Location: 32 HAMILTON RD UNIT 308 Arlington, MA
Owner: DIESING LOIS R / ETAL / TRS
Co-Owner: LOIS R DIESING TRUST
Mailing Address:
32 HAMILTON ROAD #308
ARLINGTON, MA 02474

Prop ID: 20.A-3-401
Prop Location: 30 HAMILTON RD UNIT 401 Arlington, MA
Owner: TASHIRO MASAKAZU & YASUHISA
Co-Owner:
Mailing Address:
PO BOX 410042
EAST CAMBRIDGE, MA 02141

Prop ID: 20.A-3-402
Prop Location: 32 HAMILTON RD UNIT 402 Arlington, MA
Owner: GROSSMAN KAREN L
Co-Owner:
Mailing Address:
32 HAMILTON ROAD #402
ARLINGTON, MA 02474

Prop ID: 20.A-4-101
Prop Location: 34 HAMILTON RD UNIT 101 Arlington, MA
Owner: VANDIVIER LEE ELLIOT
Co-Owner: HSIAO MINGHUA
Mailing Address:
34 HAMILTON RD #101
ARLINGTON, MA 02474

Prop ID: 20.A-4-102
Prop Location: 34 HAMILTON RD UNIT 102 Arlington, MA
Owner: BETTS ALLISON
Co-Owner:
Mailing Address:
5701 AVENIDA CHIQUITA NW
ALBUQUERQUE, NM 87120

Prop ID: 20.A-4-103
Prop Location: 34 HAMILTON RD UNIT 103 Arlington, MA
Owner: CONROY KRISTINA M
Co-Owner:
Mailing Address:
34 HAMILTON ROAD UNIT 103
ARLINGTON, MA 02474

Prop ID: 20.A-4-104
Prop Location: 34 HAMILTON RD UNIT 104 Arlington, MA
Owner: CHIVUKULA RAMAKRISHNA
Co-Owner: MALLAPRAGADA SOUJANYA G
Mailing Address:
21 BISHOP RD
SHARON, MA 02067

Prop ID: 20.A-4-105
Prop Location: 34 HAMILTON RD UNIT 105 Arlington, MA
Owner: BRAIDA LOUIS D
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #105
ARLINGTON, MA 02474

Prop ID: 20.A-4-106
Prop Location: 34 HAMILTON RD UNIT 106 Arlington, MA
Owner: ALEXANDER ROBERT BRUCE
Co-Owner: HUANG ADRIAN
Mailing Address:
53 PAUL REVERE RD
LEXINGTON, MA 02421

Prop ID: 20.A-4-107
Prop Location: 34 HAMILTON RD UNIT 107 Arlington, MA
Owner: BRAIDA LOUIS D
Co-Owner:
Mailing Address:
34 HAMILTON ROAD
UNIT 105
ARLINGTON, MA 02474

Prop ID: 20.A-4-108
Prop Location: 34 HAMILTON RD UNIT 108 Arlington, MA
Owner: HUANG ADRIAN
Co-Owner: ALEXANDER ROBERT BRUCE
Mailing Address:
53 PAUL REVERE RD
LEXINGTON, MA 02421

Prop ID: 20.A-4-109
Prop Location: 34 HAMILTON RD UNIT 109 Arlington, MA
Owner: BETTENCOURT MARIO & PAULA
Co-Owner:
Mailing Address:
43 AMSDEN STREET
ARLINGTON, MA 02474

Prop ID: 20.A-4-110
Prop Location: 34 HAMILTON RD UNIT 110 Arlington, MA
Owner: JOHNSON DEREK S
Co-Owner:
Mailing Address:
2393 LAKE SHORE ROAD #36
GILFORD, NH 03249

Prop ID: 20.A-4-201
Prop Location: 34 HAMILTON RD UNIT 201 Arlington, MA
Owner: FENNER MARGARET L
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #201
ARLINGTON, MA 02474

Prop ID: 20.A-4-202
Prop Location: 34 HAMILTON RD UNIT 202 Arlington, MA
Owner: SULLIVAN BRENDAN
Co-Owner:
Mailing Address:
319 LAKE STREET
ARLINGTON, MA 02476

Prop ID: 20.A-4-203
Prop Location: 34 HAMILTON RD UNIT 203 Arlington, MA
Owner: KANDILIAN FAGHARCH
Co-Owner:
Mailing Address:
27 ESTABROOK RD
LEXINGTON, MA 02421

Prop ID: 20.A-4-204
Prop Location: 34 HAMILTON RD UNIT 204 Arlington, MA
Owner: MUJAGIC NADIJA
Co-Owner:
Mailing Address:
935 BROADWAY UNIT 1
SOMERVILLE, MA 02144

Prop ID: 20.A-4-205
Prop Location: 34 HAMILTON RD UNIT 205 Arlington, MA
Owner: COLEMAN DIANA T
Co-Owner:
Mailing Address:
1 RICHDALE AVE UNIT 12
CAMBRIDGE, MA 02140

Prop ID: 20.A-4-206
Prop Location: 34 HAMILTON RD UNIT 206 Arlington, MA
Owner: YANG XIAOQING
Co-Owner: WU YECHENG
Mailing Address:
5 APPLETREE LN
LEXINGTON, MA 02420

Prop ID: 20.A-4-207
Prop Location: 34 HAMILTON RD UNIT 207 Arlington, MA
Owner: COLEMAN DIANA T
Co-Owner:
Mailing Address:
1 RICHDALE AVE UNIT 12
CAMBRIDGE, MA 02140

Prop ID: 20.A-4-208
Prop Location: 34 HAMILTON RD UNIT 208 Arlington, MA
Owner: WANG SEN &
Co-Owner: XU HONGQIANG
Mailing Address:
34 HAMILTON RD #208
ARLINGTON, MA 02474

Prop ID: 20.A-4-209
Prop Location: 34 HAMILTON RD UNIT 209 Arlington, MA
Owner: REARDON WILLIAM F JR/TRUSTEE
Co-Owner: 34-209 REALTY TRUST
Mailing Address:
34 HAMILTON RD UNIT 209
ARLINGTON, MA 02474

Prop ID: 20.A-4-210
Prop Location: 34 HAMILTON RD UNIT 210 Arlington, MA
Owner: SUBRAMANIAN BALACHUNDHAR
Co-Owner: SACHITHANANDHAM KALPANA
Mailing Address:
34 HAMILTON RD # 210
ARLINGTON, MA 02474

Prop ID: 20.A-4-301
Prop Location: 34 HAMILTON RD UNIT 301 Arlington, MA
Owner: JOLKOVSKI ROBERT M
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #301
ARLINGTON, MA 02474

Prop ID: 20.A-4-302
Prop Location: 34 HAMILTON RD UNIT 302 Arlington, MA
Owner: YANUSHPOLSKY MIRAM FEIGA &
Co-Owner: JOSEPH & SHAUMYAN GALINA/TR
Mailing Address:
34 HAMILTON ROAD #302
ARLINGTON, MA 02474

Prop ID: 20.A-4-303
Prop Location: 34 HAMILTON RD UNIT 303 Arlington, MA
Owner: NAGAYAMA KEIKO
Co-Owner:
Mailing Address:
34 HAMILTON RD #303
ARLINGTON, MA 02474

Prop ID: 20.A-4-304
Prop Location: 34 HAMILTON RD UNIT 304 Arlington, MA
Owner: POURALI SHAHRAM
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #304
ARLINGTON, MA 02474

Prop ID: 20.A-4-305
Prop Location: 34 HAMILTON RD UNIT 305 Arlington, MA
Owner: MITCHELL A. KATALIN
Co-Owner:
Mailing Address:
169 CENTRAL ST
FRAMINGHAM, MA 01701

Prop ID: 20.A-4-306
Prop Location: 34 HAMILTON RD UNIT 306 Arlington, MA
Owner: BRETON JOSEPH F & JOAN M
Co-Owner:
Mailing Address:
24 MIDLAND DRIVE
WALTHAM, MA 02451

Prop ID: 20.A-4-307
Prop Location: 34 HAMILTON RD UNIT 307 Arlington, MA
Owner: MOLINA LIZA
Co-Owner: PHILLIPS THOMAS
Mailing Address:
34 HAMILTON RD # 307
ARLINGTON, MA 02474

Prop ID: 20.A-4-308
Prop Location: 34 HAMILTON RD UNIT 308 Arlington, MA
Owner: BYRON PAMELA D
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #308
ARLINGTON, MA 02474

Prop ID: 20.A-4-309
Prop Location: 34 HAMILTON RD UNIT 309 Arlington, MA
Owner: ALEXIOU ALICE SPARBERG
Co-Owner: ALEXIOU NICHOLAS D
Mailing Address:
140 WEST END AVE APT 20C
NEW YORK, NY 10023

Prop ID: 20.A-4-310
Prop Location: 34 HAMILTON RD UNIT 310 Arlington, MA
Owner: THE 2005 C & J LLC
Co-Owner:
Mailing Address:
1 CHURCHILL PLACE
ARLINGTON, MA 02476

Prop ID: 20.A-4-401
Prop Location: 34 HAMILTON RD UNIT 401 Arlington, MA
Owner: BLUMENTHAL ELIZABETH A
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #401
ARLINGTON, MA 02474

Prop ID: 20.A-4-402
Prop Location: 34 HAMILTON RD UNIT 402 Arlington, MA
Owner: LOPRESTE FRANK A JR
Co-Owner:
Mailing Address:
32 MCGINNESS WAY
BILLERICA, MA 01821

Prop ID: 20.A-4-403
Prop Location: 34 HAMILTON RD UNIT 403 Arlington, MA
Owner: FENNER MARGARET
Co-Owner:
Mailing Address:
34 HAMILTON RD # 201
ARLINGTON, MA 02474

Prop ID: 20.A-4-404
Prop Location: 34 HAMILTON RD UNIT 404 Arlington, MA
Owner: CORNELL JOANNE
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #404
ARLINGTON, MA 02474

Prop ID: 20.A-4-405
Prop Location: 34 HAMILTON RD UNIT 405 Arlington, MA
Owner: MIGHILL CHARLES T--ETAL
Co-Owner: GILSON CHARLOTTE
Mailing Address:
34 HAMILTON ROAD #405
ARLINGTON, MA 02474

Prop ID: 20.A-4-406
Prop Location: 34 HAMILTON RD UNIT 406 Arlington, MA
Owner: SWITZER SHARON C
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #406
ARLINGTON, MA 02474

Prop ID: 20.A-4-407
Prop Location: 34 HAMILTON RD UNIT 407 Arlington, MA
Owner: LOW UTA MARION
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #407
ARLINGTON, MA 02474

Prop ID: 20.A-4-408
Prop Location: 34 HAMILTON RD UNIT 408 Arlington, MA
Owner: SHAKYA MAHENDRA & SUBARNA
Co-Owner:
Mailing Address:
544 PRENTICE ST
HOLLISTON, MA 01746

Prop ID: 20.A-4-409
Prop Location: 34 HAMILTON RD UNIT 409 Arlington, MA
Owner: KLEPPNER PAUL S
Co-Owner: MUI LINDA P
Mailing Address:
213 FOLLEN ROAD
LEXINGTON, MA 02421

Prop ID: 20.A-4-410
Prop Location: 34 HAMILTON RD UNIT 410 Arlington, MA
Owner: DOLHARE VISHAKHA
Co-Owner:
Mailing Address:
30 CAMBRIDGEPARK DR
UNIT 3107
CAMBRIDGE, MA 02140

Prop ID: 20.A-4-501
Prop Location: 34 HAMILTON RD UNIT 501 Arlington, MA
Owner: ZHAO QIN
Co-Owner: YU BEI
Mailing Address:
17 CLELLAND RD
LEXINGTON, MA 02421

Prop ID: 20.A-4-502
Prop Location: 34 HAMILTON RD UNIT 502 Arlington, MA
Owner: HARE BRIAN J
Co-Owner: NARDONE JULIE M
Mailing Address:
34 HAMILTON RD #502
ARLINGTON, MA 02474

Prop ID: 20.A-4-503
Prop Location: 34 HAMILTON RD UNIT 503 Arlington, MA
Owner: SHUTE PRISCILLA E
Co-Owner:
Mailing Address:
34 HAMILTON ROAD #503
ARLINGTON, MA 02474

Prop ID: 20.A-4-504
Prop Location: 34 HAMILTON RD UNIT 504 Arlington, MA
Owner: HARRIS MATTHEW J
Co-Owner:
Mailing Address:
34 HAMILTON RD UNIT 504
ARLINGTON, MA 02474

Prop ID: 20.A-4-505
Prop Location: 34 HAMILTON RD UNIT 505 Arlington, MA
Owner: FABIANO JOHN G/ TRUSTEE
Co-Owner: JEROME P FACHER REVOCABLE TRUS
Mailing Address:
31 HOMEWOOD RD
WABAN, MA 02468

Prop ID: 20.A-4-506
Prop Location: 34 HAMILTON RD UNIT 506 Arlington, MA
Owner: EWINS GEORGE D JR ETAL /TRS
Co-Owner: ELIZABETH I EWINS SUPPLEMENTAL
Mailing Address:
2979 GREENBUSH RD
CHARLOTTE, VT 05445

Prop ID: 20.A-4-507
Prop Location: 34 HAMILTON RD UNIT 507 Arlington, MA
Owner: ANDERSON ERIC HALL/ TRUSTEE
Co-Owner: ERIC HALL ANDERSON TRUST- 2019
Mailing Address:
34 HAMILTON ROAD #507
ARLINGTON, MA 02474

Prop ID: 20.A-4-508
Prop Location: 34 HAMILTON RD UNIT 508 Arlington, MA
Owner: RAPARTHI LALITHA
Co-Owner: VIRUPAKSHA RAPARTHI
Mailing Address:
34 HAMILTON RD UNIT 508
ARLINGTON, MA 02474

Prop ID: 20.A-4-509
Prop Location: 34 HAMILTON RD UNIT 509 Arlington, MA
Owner: FESKO COLLEENE TRUSTEE
Co-Owner: 34 HAMILTON ROAD TRUST
Mailing Address:
34 HAMILTON ROAD #509
ARLINGTON, MA 02474

Prop ID: 20.A-4-510
Prop Location: 34 HAMILTON RD UNIT 510 Arlington, MA
Owner: JUROW KATHLEEN A
Co-Owner:
Mailing Address:
12 CARVER STREET
SOMERVILLE, MA 02143

Prop ID: 21-2-1
Prop Location: 16 SPY POND PKWY Arlington, MA
Owner: SRIDHAR SRAVISH
Co-Owner: SRAVISH AKHILA
Mailing Address:
16 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 21-2-2.A
Prop Location: 18 SPY POND PKWY Arlington, MA
Owner: ONEILL EUGENE F/ LIFE ESTATE
Co-Owner:
Mailing Address:
18 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 21-2-3
Prop Location: 22 SPY POND PKWY Arlington, MA
Owner: ROSS FRANCES M
Co-Owner: BATTUELLO BRIAN V
Mailing Address:
22 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 21-2-4
Prop Location: 26 SPY POND PKWY Arlington, MA
Owner: CHHABRA SAMIT & ANN M
Co-Owner:
Mailing Address:
26 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 21-2-5
Prop Location: 30 SPY POND PKWY Arlington, MA
Owner: MC CANN JOHN J & MARY A
Co-Owner:
Mailing Address:
30 SPY POND PKWY
ARLINGTON, MA 02474

Prop ID: 7-5-1
Prop Location: 45-45A LAKEHILL AVE Arlington, MA
Owner: LIU ZIJIE
Co-Owner: LUO XIANGLING
Mailing Address:
45 LAKEHILL AVE
ARLINGTON, MA 02474

Prop ID: 7-6-1
Prop Location: 46-48 LAKEHILL AVE Arlington, MA
Owner: PEDRELLI NINO
Co-Owner: BRASHEARS BRUNA
Mailing Address:
3755 GLENHURST AVE SOUTH
ST LOUIS PARK, MN 55416

Prop ID: 7-6-2
Prop Location: 42-44 LAKEHILL AVE Arlington, MA
Owner: DOANE JOAN S
Co-Owner:
Mailing Address:
42 LAKEHILL AVE
ARLINGTON, MA 02474

Prop ID: 7-6-25
Prop Location: 39 ALFRED RD Arlington, MA
Owner: GERA LIVIO J & GLORIA L
Co-Owner: TRUSTEES/LIVIO GERA TRUST
Mailing Address:
39 ALFRED RD
ARLINGTON, MA 02474

Prop ID: 7-6-26
Prop Location: 2-4 PRINCETON RD Arlington, MA
Owner: KOPANS DAVID B/LAUREN SUE
Co-Owner:
Mailing Address:
2 PRINCETON ROAD
ARLINGTON, MA 02474

Prop ID: 7-7-1
Prop Location: 0-LOT SPY POND PKWY Arlington, MA
Owner: PEDRELLI BRUNO & THELIA
Co-Owner:
Mailing Address:
3755 GLENHURST AVE SOUTH
ST LOUIS PARK, MN 55416

Prop ID: 7-7-2
Prop Location: 0-LOT SPY POND PKWY Arlington, MA
Owner: PEDRELLI BRUNO & THELIA
Co-Owner:
Mailing Address:
3755 GLENHURST AVE SOUTH
ST LOUIS PARK, MN 55416

Prop ID: 7-7-3
Prop Location: 0-LOT SPY POND PKWY Arlington, MA
Owner: KOPANS DAVID P/LAUREN SUE
Co-Owner:
Mailing Address:
2 PRINCETON ROAD
ARLINGTON, MA 02474

Prop ID: 9-3-3
Prop Location: 0-LOT POND LN Arlington, MA
Owner: TOWN OF ARLINGTON PARK
Co-Owner:
Mailing Address:
730 MASS AVE
ARLINGTON, MA 02476

Prop ID: 9-4-1
Prop Location: 0-LOT POND LN Arlington, MA
Owner: TOWN OF ARLINGTON PARK
Co-Owner:
Mailing Address:
730 MASS AVE
ARLINGTON, MA 02476

Notification to Abutters Under the

Massachusetts Wetlands Protection Act

And Arlington Wetlands Protection Bylaw

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the Arlington Wetlands Protection Bylaw, you are hereby notified of the following:

The Arlington Conservation Commission will hold a public hearing **via Zoom or** in the second floor conference room of the Town Hall Annex, 730 Massachusetts Avenue, Arlington, on Thursday, June 3, 2021, at or after 7 pm in accordance with the provisions of the Mass. Wetlands Protection Act (M.G.L. Ch. 131, s. 40, as amended) and the Town of Arlington By-Laws Article 8, By-Law for Wetland Protection, for a Notice of Intent from the Town of Arlington Conservation Commission for an Aquatic Management Program to control nuisance and non-native plant and algae growth at Spy Pond, within 100 feet of a wetland.

A copy of the application and accompanying plans are available for inspection Mon. – Fri. 8am-Noon at the Conservation Commission office, first floor of the Town Hall Annex, 730 Massachusetts Avenue and by contacting the applicant's representative, SOLitude Lake Management at (508) 865-1000 or info@solitudelake.com

For more information, call the Arlington Conservation Commission at (781) 316-3012, or SOLitude Lake Management at (508) 865-1000, or DEP Northeast Regional Office, (978) 694-3200.

NOTE: Notice of the Public Hearing will be published at least five (5) days in advance in *The Arlington Advocate* and be posted not less than 48 hours in advance in the Arlington Town Hall.

APPENDIX 5

AFFIDAVIT OF SERVICE

(Return to Conservation Commission)

I, Amanda Mahaney , being duly sworn, do hereby state as follows: on May 20, 2021 , I mailed a "Notification to Abutters" in compliance with the second paragraph of Massachusetts General Laws, Chapter 131, s.40, the DEP Guide to Abutter Notification dated April 8, l994, and the Arlington Wetlands Protection Bylaw, Title V, Article 8 of the Town of Arlington Bylaws in connection with the following matter:

The form of the notification, and a list of the abutters to whom it was provided and their addresses, are attached to this Affidavit of Service.

Signed under the pains and penalties of perjury, this _20_ day of May ,

Amanda Mahaney
Name

APPENDIX 6

LEGAL NOTICE CHARGE AUTHORIZATION

DATE:

TO: legals@wickedlocal.com

I hereby authorize Community Newspapers to bill me directly for the legal notice to be published in the Arlington Advocate newspaper on June 3, 2021 for a public hearing with the Arlington Conservation Commission to review a project at the following location: Spy Pond

Thank you.

Signed:

Send bill to: Arlington Conservation Commission
730 Mass Ave
Arlington, MA 02476

_____

_____

Phone:

To: The Environmental Monitor

From: SOLitude Lake Management

Date: May 5, 2021

Re: Notification of filing an NOI for Spy Pond

Anticipated date of submission: May 20, 2021

The proposed project is seeking approval to initiate an Aquatic Management Program at Spy Pond in Arlington, MA. USEPA/State registered herbicides and/or algaecides will be applied to manage non-native and nuisance aquatic vegetation and algae to protect the interests of the Wetlands Protection Act by impeding eutrophication and improving habitat value.

Reviewing Conservation Commission(s):

Arlington Conservation Commission
Town Hall
730 Massachusetts Avenue
Arlington, MA 02476

Copies of the NOI may be examined or acquired from the Conservation Commission, or by contacting the applicant's representative, SOLitude Lake Management, info@solitudelake.com, or 508-865-1000, Monday and Friday between 9AM and 4PM.

See Conservation Commission website for the meeting schedule for exact dates and agendas.

ATTACHMENT B

Project Description

1.0 INTRODUCTION

The "Applicant", the Town of Arlington Conservation Commission, is seeking approval to continue an Aquatic Management Program at Spy Pond. The objective of the management program is to control growth of submersed, non-native aquatic plant species, most notably Curly-leaf Pondweed (*Potamogeton crispus*), spiny naiad (*Najas minor*), and with potential for significant return- Eurasian Watermilfoil (*Myriophyllum spicatum*), to maintain open water habitat, improve water quality, promote growth of less pervasive native plant species and provide safe recreational access to the pond. Based on the type, distribution and density of nuisance species in Spy Pond, it has been concluded the restoration goals of the Applicant can best be achieved through the prudent use of monitoring, hand-pulling, diver-assisted suction harvesting (DASH), and US EPA/MDAR registered herbicides/algaecides.

The proposed project has been filed as an Ecological Restoration Limited Project under 310 CMR 10.53(4) and will protect the interest of the Wetland Protection Act by controlling invasive species, improving fish habitat, improving water quality and slowing lake eutrophication.[1]



2.0 PROBLEM STATEMENT

Spy Pond is a 102-acre waterbody located in Arlington, MA (Figure 1). The lake is a glaciated "kettle hole" waterbody separated by an uninhabited island; the average depth is 14 feet with the deepest point of 38 feet in the northern basin. The pond has a large littoral area that supports extensive growth of non-native and native submersed vegetation. When unmanaged, dense, topped-out aquatic plant growth is out-competing and displacing beneficial native species, degrading water quality and fish/wildlife habitat, and reducing recreational access to the lake. Elevated phosphorus levels in Spy

[1] Department of Environmental Protection. Guidance for Aquatic Plant Management in Lake and Ponds as it Relates to the Wetlands Protection Act: April 2004, 1p.

Pond have been known to cause nuisance algal blooms, most concerning of which is cyanobacteria (blue-green algae) and may again require management with alum or necessitate management of blooms with algaecides. Based on the goals of the Applicant, a management program using monitoring, hand-pulling, DASH, and chemical treatment with US EPA / MDAR approved herbicides and algaecides to control the nuisance plant and algae species to restore and maintain open-water conditions and maintain desirable water quality.

Since 1999, management and monitoring of invasive plants has been performed at Spy Pond. Diquat, fluridone, and glyphosate have been the primary herbicides used at the pond and were applied, to varying degrees, between 1999 and 2020. The pond was also treated in 2004 with buffered alum to manage phosphorus levels which resulted in improved water clarity and reduced algal growth.

3.0 SITE DESCRIPTION

Spy Pond[2]	
Surface Area (acres)	102
Est. Average Depth (feet)	14
Maximum Reported Depth (feet)	38
Estimated Volume	1428 ac-ft. (465 million gal.)
Dominant Plant Species	Eurasian watermilfoil Curly-leaf pondweed Thin-leaf pondweed Common reed Stonewort (Macro-alga) Spiny Naiad

Due to its nature as a “kettle hole” pond, there is no regularly flowing inlet. A number of storm drains discharge directly to the pond. The outlet is located in the southern end, leading to Little Pond and the Alewife River. The shoreline of Spy Pond supports moderate to extensive residential development and the lake is widely used for fishing, boating, and passive wildlife viewing.

4.0 EXISTING CONDITIONS

A survey of the lake and its current condition was performed in May 2020 (Figure 3). At the time of this survey, the pond supported sparse vegetation throughout the littoral zone, the result of a fluridone treatment in 2020 to reduce dense growth of various aquatic invasive plant species, but specifically Eurasian watermilfoil, curly-leaf pondweed and spiny naiad (Figure 4). Numerous other submersed vegetation species were also present scattered throughout the pond, including thin-leaf pondweed (*Potamogeton pusillus*), sago pondweed (*Stuckenia pectinata*), and coontail (*Ceratophyllum demersum*). The pond shoreline also exhibits growth of non-native common reed (*Phragmites australis*) which has been managed in the past.

[2] Estimates based on observed and reported conditions

5.0 IN-LAKE MANAGEMENT RECOMMENDATIONS

5.1 Program Overview:

Multiple-year approval is requested for the continuation of the successful Aquatic Management Program at Spy Pond. The goal of the management program is to control growth of invasive, non-native and other nuisance plant species to improve and maintain open water habitat, promote growth of less pervasive plant species and provide safe recreational access to the lake with the use of US EPA / MDAR registered aquatic herbicides or other Best Management Practices (BMPs). Based on the chemistry of the proposed products, along with the chemical dose, timing and method of application, these herbicides can be reasonably selective for the targeted plant species with a negligible risk to non-target organisms when used in accordance with their USEPA approved labels. These products, coupled with non-chemical options (when applicable and feasible), will provide Spy Pond with an integrated management program to successfully continue the progress that has been made through past years of management. The management program has been developed to be compatible with the goals of the property owners keeping in mind the regulatory responsibilities of the Arlington Conservation Commission and the MA DEP.

Specifically, we are requesting approval to use of Reward/Tribune (diquat), ProcellaCOR EC (florpyrauxifen-benzyl), Sonar (fluridone), AquaPro (glyphosate), and Clearcast (imazamox) herbicides to control growth of nuisance plants, as well as copper-based algaecides (i.e. CUSO4, Captain, SeClear) and buffered alum to control phosphorus and algal blooms. Physical management techniques such as hand-harvesting, and diver-assisted suction harvesting (DASH) are requested as a non-chemical management technique to manage small areas of invasive species (when applicable).

The proposed products specifically affect the target plant (and algae) species to be controlled and have a negligible effect on the non-target species and wildlife when applied in accordance with the label directions. All chemicals are applied at or below suggested doses according to the product label. In addition, doses are based on plant types and densities so that a minimum amount of the chemicals are introduced into the lake.

No significant alteration to wetland resources areas will occur as a result of the proposed lake management program; instead the resource areas will be enhanced by controlling a non-native, invasive aquatic plant species and improving water quality.

5.2 Proposed Products

Florpyrauxifen-benzyl (ProcellaCOR EC - EPA # 67690-80 or equivalent)

ProcellaCOR (florpyrauxifen-benzyl) is a recently registered herbicide in Massachusetts and is an effective, selective, systemic herbicide on milfoil, hydrilla, and emergent species.

The herbicide will be applied to the area at or below the permissible label dose. Due to the limited contact-exposure time required for control of the target species, concentrations only need to be maintained for hours to several days to achieve management. Temporary water-use restrictions for ProcellaCOR include no non-agricultural irrigation to vegetation other than turf according to Table on product label (6 hours to 35 days) – at rates used in the Northeast, this restriction is typically 2-7 days and can be determined based on post-treatment herbicide residue sampling. There are no restrictions on swimming, boating, or fishing, but prudent herbicide/algaecide management suggests that we close

the waterbody on the day of treatment. The shoreline of the waterbody will be posted with signs warning of these temporary water-use restrictions, prior to treatment.

The herbicide is quickly absorbed by the target vegetation and translocated within the plant. The mode of action of the herbicide causes impacted vegetation to lose structural integrity at growth nodes. Residual levels of the herbicide in treated water decline rapidly and reduction is due to the uptake by the targeted vegetation and degradation.

The use rates for ProcellaCOR is 200-400 times lower than older chemistry formulations, achieving a Reduced Risk Classification by the USEPA. Excellent selectivity and minimal impact to non-target species has been demonstrated with ProcellaCOR treatments that have been performed in the Northeast to date (approximately 100). Of the species reported in Spy Pond, the only plants that may show some impact following treatment is coontail (*Ceratophyllum demersum*). Coontail is typically not impacted by ProcellaCOR treatments except when using rates of 4+ PDUs/ac-ft.

Impacts Specific to the Wetlands Protection Act using Florpyrauxifen-benzyl

- Protection of public and private water supply – Neutral (no significant interaction)
- Protection of groundwater supply – Generally neutral (no interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the lake
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direct toxicity is possible under unusual circumstances
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

Diquat (Reward - EPA # 100-1091 or equivalent)

The USEPA/MA registered herbicide diquat dibromide will be applied to the area at or below the permissible label dose. Reward is a widely used herbicide, applied to greater than 500 lakes and ponds annually, throughout the northeast, to control nuisance submersed aquatic plants. Diquat would be applied to control nuisance submersed plant growth at the application rate of 1.0-2.0 gal/acre, if necessary. Temporary water use restrictions for diquat are: 1) No drinking or cooking for 3 days. 2) No irrigation of turf for 3 days and of food crops for 5 days, and 3) No livestock watering for 1 day. There are no restrictions on swimming, boating, or fishing, but prudent herbicide/algaecide management suggests that we close the lake on the day of treatment. The shoreline of the lake will be posted with signs warning of these temporary water use restrictions, prior to treatment.

Diquat is translocated to some extent within the plant. Its rapid action tends to disrupt the leaf cuticle of plants and acts by interfering with photosynthesis. Upon contact with the soil, it is absorbed immediately and thereby biologically inactivated. Residual levels of diquat in treated water decline rapidly and their reduction is due to the uptake by the targeted vegetation and adsorption to suspended soil particles in the water or on the bottom mud. Photochemical degradation accounts for some loss under conditions of high sunlight and clear waters.

Impacts Specific to the Wetlands Protection Act using Diquat[3]

- Protection of public and private water supply – Benefit (water quality improvement)
- Protection of groundwater supply – Neutral no interaction as diquat is absorbed to soil particles
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the lake
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direst toxicity is possible under unusual circumstances
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

Glyphosate (AquaPro – EPA #62719-324-67690 or equivalent)

Glyphosate is a systemic herbicide that offers excellent long-term control of invasive emergent vegetation species such as Phragmites in Spy Pond. This herbicide is foliar active, which means its chemical ingredient is active only on contact with the plant. Therefore, this chemical must be applied to the dry leaves, upon which it is translocated down into the rhizomes of the plant. Glyphosate is absorbed by plant foliage and moves throughout plant tissues. Once inside the plant, glyphosate interrupts the plant's ability to produce a protein it needs to live; thereby, resulting in effective long-term control. For invasive emergent vegetation species, Common Reed, this chemical is applied in the late summer/fall when nutrients are transferred into the root system and mid to late July/ prior to seed formation, respectively.

Glyphosate will be applied at or below the recommended Federal/State concentration of 3 quarts/acre. This product will be placed into a mixing tank with a surfactant (Cide-kick; d'limonene and related isomers plus selected emulsifiers); this surfactant ensures adhesion to the foliar portions of the plant. This mixture will be diluted with fresh pond water. Application varies based on target species. All applications will be timed with calm weather when wind gusts are less than five miles per hour to ensure no herbicide drift effects surrounding beneficial flora. The treatment will also be timed to ensure that a rain event will not occur within eight hours of the treatment. This herbicide binds tightly to the soil and has no activity in surrounding water; therefore, there is low potential for leaching and contamination of groundwater. Furthermore, this herbicide is quickly broken down by microorganisms in the soil.

There are no water use restrictions associated with the use of glyphosate other than no-treatment within ¼ of a mile (1320-ft) of potable water intakes. Although there are no restrictions on swimming, boating or fishing, prudent use suggests that we close the pond on the day of treatment. The shoreline of the lake will be posted with signs warning of these temporary water uses restrictions, prior to treatment.

[3] Commonwealth of Massachusetts Executive Office of Environmental Affairs. *Practical Guide to Lake Management*: 2004. 124 p.

Impacts Specific to the Wetlands Protection Act using Glyphosate[4]

- Protection of public and private water supply – Detriment (prohibition within one quarter mile of surface water supplies due to toxicity), but generally neutral where allowed
- Protection of groundwater supply – Neutral (no interaction)
- Flood control & Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the pond
- Protection of land containing shellfish – Neutral (no significant interaction)
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

Fluridone (Sonar – EPA # 67690-4 or equivalent)

Fluridone is a systemic herbicide that offers long-term control on invasive and nuisance aquatic vegetation in Spy Pond. This herbicide hinders the ability of susceptible plants to produce carotene which protects chlorophyll from photodegradation, which results in mortality and subsequent long-term control of the targeted species (i.e., directly impacts the standing population and prevents future spread). This process is known as chlorosis and may be observed visually as the plant begins to lose its green color and take on a white or pink shade. Fluridone requires an extended contact time (45-60) so it has historically been used for low-dose, whole-pond treatments where dilution and contact time are more predictable, however, new granular formulations do allow for more effective spot-treatment.

Fluridone when applied at recommended dosages is generally viewed as having one of the most environmentally friendly toxicology profiles of all products currently on the market. In fact, the US EPA has approved a limit of 150 ppb to be allowed in water used for drinking, which is also the maximum application rate for waterbodies 10 acres and larger, such Spy Pond. Ideally, fluridone treatments are initiated early in the growing season when target vegetation is low or starting emergence. Presently, liquid and granular formations of this herbicide are available and included under this management plan. For aqueous applications, this chemical will be placed into an onboard mixing tank, mixed with pond water and evenly distributed throughout the surface of the treatment area via boat. This herbicide will be injected under the water surface through trailing hoses, minimizing the chance of chemical drift and assuring accurate placement of over the target species. For granular applications, the herbicide will be placed into a Herd spreader mounted to the bow of the treatment vessel and evenly distributed over the surface of the treatment area. If used at Spy Pond, the target rate would likely be <20 ppb which is significantly below the maximum labeled rate.

Fluridone water use restrictions include no application within one-quarter mile of a potable water intake and no use of treated water for irrigation purposes within 30 days of application. Although there are no restrictions on swimming, boating or fishing, prudent use suggests that we close the pond on the day of treatment. The shoreline of the pond will be posted with signs warning of these temporary water uses restrictions, prior to treatment.

[4] Commonwealth of Massachusetts Executive Office of Environmental Affairs. *Practical Guide to Lake Management*: 2004. 128 p.

Impacts Specific to the Wetlands Protection Act using Fluridone[5]

- Protection of public and private water supply – Generally neutral, but may have detriment at high doses (prohibition within 0.25-mi. of drinking water intakes at doses >20 ppb)
- Protection of groundwater supply – Generally neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction)
- Protection of land containing shellfish - Generally neutral (no significant interaction)
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

Imazamox (Clearcast – EPA # 241-437-67690)

The USEPA/MA registered herbicide Imazamox will be applied to the area at or below the permissible label dose. It has been utilized to manage submersed, floating-leaf, and emergent vegetation. Imazamox would be applied foliarly to control invasive Phragmites or water chestnut growth at the application rate of 1.5 lbs ae/acre, if necessary. Temporary water use restrictions for Imazamox are: 1) No drinking or cooking until residue testing results are below 50 ppb, 2) No irrigation until concentrations are below 50 ppb. There are no restrictions on swimming, boating, fishing, watering of livestock, or domestic use, but prudent herbicide/algaecide management suggest that we close the pond on the day of treatment. The shoreline of the pond will be posted with signs warning of these temporary water use restrictions prior to treatment.

Imazamox is a systemic herbicide. When applied as a foliar spray, it is quickly absorbed by foliage and/or plant roots and rapidly translocated to the growing points stopping growth. The concentrated herbicide is diluted with pond water onboard the treatment vessel and applied to the water chestnut leaves floating on the water's surface via a low-volume pumping system. A spray adjuvant will be mixed with the diluted herbicide to improve efficacy.

Impacts Specific to the Wetlands Protection Act using Imazamox

- Protection of public and private water supply – Generally neutral, but may have detriment at high doses (setback of treatment required, with distance based on dose and area treated)
- Protection of groundwater supply – Neutral (no interaction as imazamox is absorbed to soil particles)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the pond
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direst toxicity is possible under unusual circumstances
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

[5] Commonwealth of Massachusetts Executive Office of Environmental Affairs. *Practical Guide to Lake Management*: 2004. 133 p.

Copper-Based Algaecides

Approval for the use of a copper-based algaecide (i.e. CuSO4, SeClear, Captain) is requested in the event that nuisance algae conditions develop, warranting treatment. Copper based algaecides are widely used and are applied to lakes and ponds throughout North America to control nuisance filamentous and microscopic algae. There are no water use restrictions associated with copper-based algaecides and Aquatic Control treats several direct, potable (drinking) water reservoirs and a number of recreation waterbodies in the Commonwealth with these algaecides, on a yearly basis. The concentrated liquid algaecides that are first diluted with lake water and then sprayed throughout the lake area. The application rate is generally 0.2 ppm or less for algae control. If applied, treatment will not exceed 50% of the lake volume.

Impacts Specific to the Wetlands Protection Act using Copper[6]

- Protection of public and private water supply – Benefit (used to control algae)
- Protection of groundwater supply – Neutral (no significant interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution - Generally neutral (no significant interaction), but could be a detriment if algae/plant die-off causes low oxygen at the bottom of the lake or causes release of taste and odor compounds or toxins
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direct toxicity is possible under unusual circumstances.
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, direct toxicity)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, direct toxicity)

Buffered Alum

The goal of alum treatment is to strip the water column of phosphorus and inactivate the phosphorus in the bottom sediments. This is accomplished by applying an aluminum salt to the pond (aluminum sulfate) which reacts with the water to form an insoluble aluminum hydroxide solid (floc). This floc falls through the water column chemically and physically removing phosphorus and then settles to the bottom forming a “blanket”, which effectively inactivates the phosphorus in the sediment.

Once applied, the reaction of alum and water (especially soft water lakes) causes the water to become acidic (low pH). To counter this effect, a buffer solution of sodium aluminate is applied simultaneously along with the alum. At a volumetric ratio of typically 2 parts alum to 1 part sodium aluminate, the pH will remain near background throughout the treatment process. The use of sodium aluminate is preferred over other buffer solutions because it also contributes to the aluminum dose.

Proper herbicide application allows for targeted plant control without posing an unreasonable adverse risk to non-target species and wildlife. Written approval from the Commission will be sought should alternate products be considered in future years. All products proposed for use will be registered for aquatic use in Massachusetts.

[6] Commonwealth of Massachusetts Executive Office of Environmental Affairs. *Practical Guide to Lake Management*: 2004. 122 p.

Hand-Harvesting/Diver-Assisted Suction Harvesting (DASH)

With this technique, a snorkeler or diver selectively pulls out unwanted plants by hand and either puts them in a collection bag or, in the case of DASH, feeds the plant material into a suction hose which then discharges onto a screen on the topside boat. The water is then allowed to run back into the lake and the screened material is put into bins for later disposal to an upland area. This is a highly selective technique, and a labor intensive one. Normally well suited to vigilant efforts to keep out invasive species that have not yet become established or after large-scale systemic herbicide treatment efforts, it can also be employed to clear small areas of plants in high-use locations. This technique is not well suited for large-scale efforts, especially when the target species or assemblage occurs in dense or expansive beds.

Suction harvesting is also used to augment hand harvesting, allowing for a higher rate of pulling in a targeted area, as the diver/snorkeler does not have to carry pulled plants to a disposal point. It is recommended for localized infestations. The effectiveness is limited to small areas, typically less than one-half acre. All harvesting will be conducted by certified SCUBA divers with experience identifying and managing the target species. Harvested material will be disposed of at an offsite facility.

Impacts Specific to the Wetlands Protection Act using Hand Harvesting

- Protection of public and private water supply – Neutral (no significant interaction)
- Protection of groundwater supply – Neutral (no significant interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution - Generally neutral (no significant interaction), but could be a detriment if sediment disruption results in high turbidity
- Protection of land containing shellfish - Generally neutral (no significant interaction)
- Protection of fisheries – Generally neutral (no significant interaction)
- Protection of wildlife habitat – Generally neutral (no significant interaction), but may have benefit and detriment to different species

Chemical Descriptions

Detailed information on all the herbicides proposed in this NOI can be found at the **Massachusetts Department of Conservation and Recreation, Lakes and Ponds Program website**. There are links under the Publications tab to the "Generic Environmental Impact Report for Eutrophication and Lake Management in Massachusetts" and the "Practical Guide to Lake Management in Massachusetts."

<http://www.mass.gov/eea/agencies/dcr/water-res-protection/lakes-and-ponds/lakes-ponds-more-pubs-generic.html >

Additional information on these herbicides can be found at the **Massachusetts Department of Agricultural Resources website**: <http://www.mass.gov/agr/pesticides/water/Aquatic/Herbicides.htm>
See Attachment D for additional information.

5.3 Monitoring:
Annual inspections, including detailed point-intercept surveys during the pre-and post-management period will be conducted in order to finalize the treatment areas and assess the growth phase of the target plant species. The post-management inspection and point-intercept survey will be conducted in order to assess the efficacy of the management efforts and any impacts on non-target species so future applications can be properly adjusted to minimize non-target impacts.

6.0 ALTERNATIVES ANALYSIS

Alternatives to the proposed Aquatic Plant Management Plan were considered. SOLitude Lake Management evaluated all available strategies for control of the nuisance aquatic species in Spy Pond. Findings and recommendations were based on direct experience and discussions found in the *Eutrophication and Aquatic Plant Management in Massachusetts Final Generic Environmental Impact Review* (FGEIR, EOEA 2004).

Bottom Weed Barriers: Not Recommended at this Time
Physical controls, such as the use of bottom weed barriers (i.e. Aquatic Weed Net or Palco) can be effective for small dense patches of nuisance vegetation, but are not cost effective or feasible for large areas. Weed barriers are expensive to install and maintain at ~$1.75/ft^2 (material & installation). Semi-annual maintenance to retrieve, clean and re-deploy the barriers would be expensive and time consuming. Additionally, covering expansive areas of the lake bottom may also have detrimental impacts on invertebrates or other types of wildlife. This technique could possibly be employed in future years to control select small dense patches of regrowth between whole lake systemic treatments.

Hydro-Raking: Not Recommended at this Time

The mechanical Hydro-Rake can best be described as a “floating backhoe” with a York Rake attachment. The barge is paddle wheel driven to facilitate operation in shallow water (<2 feet) and it can effectively work to depths of about 12 feet. It works from the water, thereby avoiding damage to sensitive shoreline habitat and property. This machine “rakes” the upper sediment layer, collecting plants and their root systems. The Hydro-Rake is well suited for the removal of plants with large rhizome structures and in that case can provide multiple years of control. The target species for control at Spy Pond have comparatively small root structures, and as such, control is likely to be annual at best, with considerable temporary disturbance. The target species also reproduce through fragmentation, as well as by reproductive structures (or turions), or by seed, so mechanical removal is not typically recommended because of increased potential for fragmentation and accelerated spread.

Harvesting: Not Recommended

Harvesting invasive species like the ones present in Spy Pond is typically not recommended because of its ability to reproduce through vegetative fragmentation, leading to increased spread into previously un-infested areas or further intensifying growth rates. Additionally, harvesting would be costly and at best would only provide a season of relief from the target species. The disruption and non-target impacts would be more significant than with spot-treatments using aquatic herbicides.

Biological: Not Recommended

There are no effective biological controls available or approved by the State for the control of the invasive aquatic plant species present in Spy Pond.

Sediment Excavation/Dredging: Not Recommended at this Time

Dredging nutrient rich bottom sediment is sometimes used as a strategy to control excessive weed growth. Conventional (dry) or hydraulic dredging would require the expenditure of hundreds of thousands of dollars in design and permitting fees alone. Dredging may also have severe impacts to aquatic organisms (i.e. fish and macroinvertebrates) in the lake with no guarantees of elimination of invasive vegetation.

Do Nothing: Not Recommended

If the invasive plant growth is allowed to continue unabated, eutrophication and filling-in at the lake will continue to occur at an accelerated rate due to the annual decomposition of excessive plant material. Anoxic conditions would degrade water quality and potentially impact fish and other aquatic organisms. Stagnant conditions will also increase water temperatures promoting both algae and bacterial growth as well as providing extensive mosquito breeding habitat. The lake's recreational and aesthetic value has also been and would continue to be significantly degraded.

7.0 COMPLIANCE

Massachusetts Wetlands Protection Act:

The objective of this project is to control invasive species through use of US EPA / MDAR registered aquatic herbicides.

Controlling densities of native species will typically not adversely affect wildlife habitat and will not negatively impact other interests of the Massachusetts Wetlands Protection Act. No significant alteration to wetland resources areas will occur as a result of the proposed management program; instead the resource areas will be enhanced by controlling the nuisance plant growth. The proposed management activities are consistent with the guidelines in the following documents:

- Final Generic Environmental Impact Report: Eutrophication and Aquatic Plant Management in Massachusetts (June 2004)
- Guidance for Aquatic Plant Management in Lakes and Ponds: As it Relates to the Wetlands Protection Act (April 2004 – DEP Policy/SOP/Guideline # BRP/DWM/WW/G04-1)
- The Practical Guide to Lake Management in Massachusetts (2004)

DEP License To Apply Chemicals:

All chemical applications will be performed by Certified Applicators. The USEPA/MA registered aquatic herbicides will be applied at recommended label rates, in accordance with the "Order of Conditions" and DEP "License to Apply Chemicals" permits (BRP WM04). Prior to treatment the shoreline will be posted with signs, warning of all temporary water use restrictions prior to treatments. A site specific "License to Apply Chemicals" for the proposed treatment will be filed with Massachusetts DEP, Office of Watershed Management.

Massachusetts Environmental Policy Act:

The strategies proposed in this NOI are options approved under the Massachusetts Environmental Protection Act (MEPA) process that was approved in 2004 with the issuance of the FGEIR and the *Practical Guide to Lake and Pond Management in Massachusetts*. These approaches do not require individual MEPA review.

Massachusetts Endangered Species Act:

According to the most recent Natural Heritage maps provided by MA GIS, Spy Pond is located within areas designated as Estimated Habitats of Rare Wildlife and Priority Habitats of Rare Species (Figure 5) as determined by the Massachusetts Natural Heritage & Endangered Species Program (NHESP).

8.0 IMPACTS OF THE PROPOSED MANAGEMENT PLAN SPECIFIC TO THE WETLANDS PROTECTION ACT

Protection of public and private water supply – Spy Pond is not used directly as a drinking water supply. Aquatic herbicide treatment at the lake will not have any adverse impacts on the public or private water supply, when used in accordance with the project label and conditions of the MA DEP License to Apply Chemicals.

Protection of groundwater supply – According to available studies, there is no reason to believe that the groundwater supply will be adversely impacted by the application of the chemicals at the proposed rates to Spy Pond, when used in accordance with the project label. Contamination of groundwater by aquatic herbicides is limited by their low rate of application, rapid rate of degradation, and uptake by target plants. SLM's State licensed applicators take all necessary precautions when mixing and disposing of all chemical containers.

Flood control and storm damage prevention – No construction, dredging or alterations of the existing floodplain and storm damage prevention characteristics of the pond are proposed. However, in some instances, abundant and excessive aquatic plant growth can contribute to high water and flooding. Most commonly this occurs in the vicinity of waterbody outlets or water conveyance channels and structures. The unmanaged, annual growth and decomposition of abundant plant growth is also known to increase sediment deposition at an accelerated rate. Therefore, the application of aquatic herbicides may increase the capacity of the resource area over the long-term to provide flood protection.

Prevention of pollution – No degradation of water quality or increased pollution is expected by the application of the herbicides. The proposed herbicides are relatively slow acting in controlling the invasive vegetation. This results in a slow release of nutrients from the decaying plants, reducing the potential for increases in nutrients that can cause algae blooms. Removal of the excessive growth of aquatic vegetation will contribute to improved water circulation and a reduction in the potential for anoxic conditions. The post-treatment decrease in plant biomass will help to decrease the rate of eutrophication currently caused by the decomposing of excessive plant material.

Protection of fisheries and shellfisheries – Contiguous, dense beds of aquatic vegetation provide poor habitat for most species of fish. Dense plant cover frequently results in significant diurnal fluctuations in dissolved oxygen as well as oxygen depletion during certain times of the year. While temporary effects on some desirable submersed and floating-leafed species may occur following the application of an aquatic herbicide, non-target plants typically rebound quickly. Shoreline emergent plants will not be impacted following the use of aquatic herbicides.

Protection of wildlife and wildlife habitat – In general, excessive and abundant plant growth, especially non-native plants, provides poor wildlife habitat for fish and other wildlife. The proposed management plan is expected to help prevent further degradation of the waterbody through excessive weed growth

and improve the wildlife habitat value of the pond in the long-term. Maintaining a balance of open water and vegetated areas is intended.

ATTACHMENT C

Figures

FIGURE 1: Site Locus

SOLITUDE
LAKE MANAGEMENT
888.480.5253
solitudelakemanagement.com



Spy Pond
Arlington, MA



Spy Pond

0 1,900 3,800

1:24,000 Feet

N

Map Date: 12/2/2020
Prepared by: ALM
Office: SHREWSBURY, MA

FIGURE 2: Natural Heritage and Endangered Species Program

SOLITUDE LAKE MANAGEMENT
888.480.5253
solitudelakemanagement.com



Spy Pond
Arlington, MA



Spy Pond

0 1,900 3,800

1:24,000 Feet

N

Map Date: 12/2/2020
Prepared by: ALM
Office: SHREWSBURY, MA

FIGURE 3: Distribution of Invasive Aquatic Species

SOLITUDE LAKE MANAGEMENT
888.480.5253
solitudelakemanagement.com



Spy Pond
Arlington, MA



Spy Pond

0 490 980 N

1:6,500 Feet

Map Date: 08/07/2017
Prepared by: ALM
Office: SHREWSBURY, MA

ATTACHMENT D

Herbicide/Algaecide Information

Detailed information herbicides proposed in this NOI can be found at the **Massachusetts Department of Conservation and Recreation, Lakes and Ponds Program website**. There are links under the Publications tab to the "Generic Environmental Impact Report for Eutrophication and Lake Management in Massachusetts" and the "Practical Guide to Lake Management in Massachusetts."

<http://www.mass.gov/eea/agencies/dcr/water-res-protection/lakes-and-ponds/>

Additional information on these herbicides can be found at the **Massachusetts Department of Agricultural Resources website**

http://www.mass.gov/eea/agencies/agr/pesticides/aquatic-vegetation-management.html

Spy weeds
6/11/15
91-258

- DEP
- file copy
- orig - J. Gl...
- ACT

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
91-258
MassDEP File #

eDEP Transaction #

Arlington
City/Town

A. General Information

Please note: this form has been modified with added space to accommodate the Registry of Deeds Requirements

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

1. From: Arlington
Conservation Commission

2. This issuance is for (check one): a. ☒ Order of Conditions b. ☐ Amended Order of Conditions

3. To: Applicant:

Teresa
a. First Name

DeBenedictis
b. Last Name

Town of Arlington Public Works Dept
c. Organization

51 Grove St
d. Mailing Address

Arlington
e. City/Town

MA
f. State

02476
g. Zip Code

4. Property Owner (if different from applicant):

Adam
a. First Name

Chapdelaine
b. Last Name

Manager, Town of Arlington
c. Organization

730 Massachusetts Ave
d. Mailing Address

Arlington
e. City/Town

MA
f. State

02476
g. Zip Code

5. Project Location:

Spy Pond
a. Street Address

Arlington
b. City/Town

c. Assessors Map/Plat Number

d. Parcel/Lot Number

Latitude and Longitude, if known: 42.407569d m s
d. Latitude

-71.155364d m s
e. Longitude

Spy weeds
6/11/15

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 5 – Order of Conditions
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP: 91-258
MassDEP File #

eDEP Transaction #

Arlington
City/Town

A. General Information (cont.)

6. Property recorded at the Registry of Deeds for (attach additional information if more than one parcel):
Middlesex
a. County | b. Certificate Number (if registered land)
c. Book | d. Page

7. Dates: 4/22/15 a. Date Notice of Intent Filed | 5/21/15 b. Date Public Hearing Closed | 6/11/15 c. Date of Issuance

8. Final Approved Plans and Other Documents (attach additional plan or document references as needed):
see attached list
a. Plan Title
b. Prepared By | c. Signed and Stamped by
d. Final Revision Date | e. Scale
f. Additional Plan or Document Title | g. Date

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act:

Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act (the Act). Check all that apply:

a. ☐ Public Water Supply
b. ☐ Land Containing Shellfish
c. ☒ Prevention of Pollution
d. ☐ Private Water Supply
e. ☒ Fisheries
f. ☒ Protection of Wildlife Habitat
g. ☐ Groundwater Supply
h. ☒ Storm Damage Prevention
i. ☒ Flood Control

2. This Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

a. ☒ the following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.

Spy weeds
6/11/15

B. Findings (cont.)

Denied because:

b. ☐ the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**

c. ☐ the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**

3. ☐ Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a) _____ a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. ☐ Bank	a. linear feet	b. linear feet	c. linear feet	d. linear feet
5. ☐ Bordering Vegetated Wetland	a. square feet	b. square feet	c. square feet	d. square feet
6. ☒ Land Under Waterbodies and Waterways	102 ac a. square feet	102 ac b. square feet	102 ac c. square feet	102 ac d. square feet
	e. c/y dredged	f. c/y dredged		
7. ☐ Bordering Land Subject to Flooding	a. square feet	b. square feet	c. square feet	d. square feet
Cubic Feet Flood Storage	e. cubic feet	f. cubic feet	g. cubic feet	h. cubic feet
8. ☐ Isolated Land Subject to Flooding	a. square feet	b. square feet		
Cubic Feet Flood Storage	c. cubic feet	d. cubic feet	e. cubic feet	f. cubic feet
9. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet

Spy weeds 6/11/15

B. Findings (cont.)

Coastal Resource Area Impacts: Check all that apply below. (For Approvals Only)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. ☐ Land Under the Ocean	a. square feet c. c/y dredged	b. square feet d. c/y dredged		
12. ☐ Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. ☐ Coastal Beaches	a. square feet	b. square feet	c. nourishment cu yd	d. nourishment cu yd
14. ☐ Coastal Dunes	a. square feet	b. square feet	c. nourishment cu yd	d. nourishment cu yd
15. ☐ Coastal Banks	a. linear feet	b. linear feet		
16. ☐ Rocky Intertidal Shores	a. square feet	b. square feet		
17. ☐ Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
18. ☐ Land Under Salt Ponds	a. square feet c. c/y dredged	b. square feet d. c/y dredged		
19. ☐ Land Containing Shellfish	a. square feet	b. square feet	c. square feet	d. square feet
20. ☐ Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	a. c/y dredged	b. c/y dredged		
21. ☐ Land Subject to Coastal Storm Flowage	a. square feet	b. square feet		

SPY WEEDS
6/11/15

B. Findings (cont.)

* #22. If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c (BVW) or B.17.c (Salt Marsh) above, please enter the additional amount here.

22. ☐ Restoration/Enhancement *:

a. square feet of BVW _____ b. square feet of salt marsh _____

23. ☐ Stream Crossing(s):

a. number of new stream crossings _____ b. number of replacement stream crossings _____

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
   a. The work is a maintenance dredging project as provided for in the Act; or
   b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
   c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on _____ unless extended in writing by the Department.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.

SPY WEEDS
6/11/15

C. General Conditions Under Massachusetts Wetlands Protection Act

8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.

9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.

10. A sign shall be displayed at the site not less then two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MassDEP"]

"File Number 91-258 "

11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.

12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.

13. The work shall conform to the plans and special conditions referenced in this order.

14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.

15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.

SPY WEEDS
6/11/15

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.

18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.

19. The work associated with this Order (the "Project")
    (1) ☐ is subject to the Massachusetts Stormwater Standards
    (2) ☒ is NOT subject to the Massachusetts Stormwater Standards

    If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

    a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.

    b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:
    i. all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;
    ii. as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;
    iii. any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;

SPY WEEDS
6/11/15

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement) for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:

i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and

ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.

d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.

e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 18(f) through 18(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 18(f) through 18(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.

f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.

SPY WEEDS
6/11/15

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

g) The responsible party shall:
1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.

h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.

i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.

j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.

k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.

l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):
See attached 5 pages, conditions 20-40.

20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.

SPY WEEDS
6/11/15

D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? ☒ Yes ☐ No

2. The Arlington Conservation Commission hereby finds (check one that applies):

   a. ☐ that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw, specifically:

   _____ (1. Municipal Ordinance or Bylaw) _____ (2. Citation)

   Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

   b. ☒ that the following additional conditions are necessary to comply with a municipal ordinance or bylaw:

   Arlington Bylaw for Welands Protection (1. Municipal Ordinance or Bylaw) Title V, Art 8 (2. Citation)

3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.

   The special conditions relating to municipal ordinance or bylaw are as follows (if you need more space for additional conditions, attach a text document):

   See attached 5 pages, conditions 20-40.

SPY WEEDS
6/11/15

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 5 – Order of Conditions
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
91-758
MassDEP File #

eDEP Transaction #

Arlington
City/Town

E. Signatures

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

6/11/15
1. Date of Issuance

Please indicate the number of members who will sign this form.
This Order must be signed by a majority of the Conservation Commission.

SIX
2. Number of Signers

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy must be mailed, hand delivered or filed electronically at the same time with the appropriate MassDEP Regional Office.

Signatures:

☐ by hand delivery on

Date

☐ by certified mail, return receipt requested, on 6/11/15

Date

F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.

Spy Weeds
6/11/15

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 5 – Order of Conditions
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP: 91-258
MassDEP File #

eDEP Transaction #

Arlington
City/Town

G. Recording Information

Prior to commencement of work, this Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on this page shall be submitted to the Conservation Commission listed below.

Arlington Conservation Commission, 730 Massachusetts Ave, Arlington, MA 02476
Conservation Commission

Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation Commission.

To:

Arlington
Conservation Commission

Please be advised that the Order of Conditions for the Project at:

Spy Pond
Project Location

91-258
MassDEP File Number

Has been recorded at the Registry of Deeds of:

Middlesex
County

Book

Page

for:
Property Owner

and has been noted in the chain of title of the affected property in:

Book

Page

In accordance with the Order of Conditions issued on:

Date

If recorded land, the instrument number identifying this transaction is:

Instrument Number

If registered land, the document number identifying this transaction is:

Document Number

Signature of Applicant

ARLINGTON CONSERVATION COMMISSION

SPY WEEDS

ORDER OF CONDITIONS SPY POND AQUATIC VEG. MANAGEMENT DEP FILE NO. 91-258

6/11/15

Referenced Documents

1. Notice of Intent application, Spy Pond Aquatic Management program, Arlington, MA, prepared for Teresa DeBenedictis, Town of Arlington, Public Works Department, 51 Grove St., Arlington, MA, 02476, prepared by Marc Bellaud, Aquatic Control Technology, LLC, 11 John Rd, Sutton, MA 01590, dated 4/22/15, containing:

a. NOI Form - WPA Form 3, App. A: Ecological Restoration Limited Project Checklists

b. NOI Wetland Fee Transmittal Form

c. Att. A – Abutter Notification - Environmental Monitor, Affidavit of Service, Abutters Notice, Abutters Lists

d. Att. B - Project Description

- 1.0 Introduction
- 2.0 Problem Statement
- 3.0 Site Description
- 4.0 Existing Conditions
- 5.0 In-Lake Management Recommendations
  - 5.1 Program Overview
  - 5.2 Proposed Products
  - 5.3 Monitoring
- 6.0 Alternatives Analysis
- 7.0 Compliance
- 8.0 Impacts of the Proposed Management Plan Specific to the Wetlands Protection Act

e. Att. C – Figures

- Figure 1: Site Locus
- Figure 2: FEMA FIS Map
- Figure 4: Vegetation Assemblage – June 2014
- Figure 3: Pre-Treatment Vegetation Assemblage – April 2013
- Figure 5: NHESP Habitat Locations

f. Att. D – MA DCR Information on Eurasian Watermilfoil

g. Att. E – Herbicide/Algaecide Information

Findings

(under the Wetlands Protection Act and Arlington Wetlands Bylaw)

Based on the testimony at the public hearings, and review of the application materials and the document listed below submitted during the public hearings, the Commission concludes that the proposed project will not have a significant or cumulative effect upon the interests of the Wetlands Protection Act or the resource area values of the Arlington Wetlands Bylaw. The Commission further finds that the project will improve the capacity of the resource areas at the project site to serve the interests of the Act and Bylaw, and therefore is eligible to be treated as a limited project under 310 CMR 10.53(4), and aquatic vegetation management will maintain the native plant community protected by the bylaw as significant, thus will improve the natural capacity of the area to provide

wildlife habitat, water quality and improve habitat value in the Resource Area and Buffer Zone. The proposed work meets the performance standards of Section 24 D (4) of the Arlington Wetlands Bylaw Regulations.

The Commission maintains the view that the use of herbicides, algaecides, and alum is a partial and temporary solution. The Commission requires that the Applicant continue to explore and pursue longer term, watershed-wide solutions to the invasive aquatic vegetation in Spy Pond which would obviate the need for chemical control.

In reaching its decision, the Commission relied heavily upon the "Eutrophication and Aquatic Plant Management in Massachusetts, Final General Environmental Impact Report (GEIR)" by the Executive Office of Environmental Affairs, 2004.

This Order applies to all areas and work that are in resource areas or the 100-foot Buffer Zone, or that add storm drainage to a discharge point in said resource area or Buffer Zone.

The Commission voted unanimously to approve the Notice of Intent under the Wetlands Protection Act, c.131, s.40 ("the Act") and Arlington Wetlands Bylaw subject to the following additional conditions contained herein.

Additional Special and/or Bylaw Conditions

20. Work permitted by this Order and Permit shall conform to the Notice of Intent, plans and oral presentations (as recorded in hearing minutes) submitted by the applicant and the applicant's agents or representatives, as well as any plans and other data submitted per these Conditions and approved by the Commission.

21. The applicant is permitted to use fluridone, copper, diquat, alum and glyphosate (with conditions, see below) in Spy Pond as necessary to control the growth of invasive aquatic plants and Phragmites. If any other products or methods are proposed and such changes are significant, the applicant may be required to file an Amended or a new Notice of Intent.

21. a. For application of glyphosate formulations such as AquaPro, the applicant will use a dilute solution of 1.5% glyphosate and apply only on a non-windy day (< 5 mi/h).

21. b. For application of glyphosate formulation, the applicant will assess the efficacy of hand-wiping small patches of Phragmites in order to keep the herbicide contained to the plant leaves and stem. If hand-wiping is not practical, the applicant will use a targeted back-pack sprayer to specifically target stands of Phragmites in order to minimize drift of the herbicide to other vegetation, aquatic biota in the pond, and the shoreline.

21.c. The EPA is currently reviewing the federal permit registration for glyphosate and this review is expected to be completed in 2015. The Commission may re-visit these Spy Pond permit conditions for glyphosate use if EPA findings conflict with this Order and Permit.

22. The provisions of this Order and Permit shall apply to and be binding upon the applicant and applicant's assigns, tenants, employees, contractors, or agents.

23. No work shall be started under this Order until: (a) all other required permits or approvals have been obtained and (b) the appeal period of ten (10) business days from the date of issue of this Order has expired without any appeal being filed. No work shall be started under this Permit until all other necessary permits or approvals (**including the Natural Heritage program**) have been obtained.

24. The applicant shall comply with all requirements set forth by the Natural Heritage program to protect the state-listed rare speces, Engleman's Unbrella-Sedge. If their requirements are stricter (more protective of the plant) than these conditions, they shall take precedence.

25. The applicant shall ensure that a copy of this Order of Conditions and Permit for work, with any referenced plans, is available on site at all times, and that contractors, site managers, foremen, and sub-contractors understand it provisions.

26. Prior to starting work, the applicant shall submit to the Commission the names and 24-hour phone numbers of project managers or the persons responsible for site work or mitigation.

27. No heavy equipment may be stored overnight within the 100-foot Buffer Zone. No refueling or maintenance of machinery shall be allowed within the 100-foot Buffer Zone or within any Resource Area.

28. The Commission, its employees and its agents, with proper notification of the site supervisor, shall have the right of entry onto the site to inspect for compliance with the terms of this Order of Conditions and Permit.

29. The Applicant shall notify the Conservation Commission (to cbeckwith@town.arlington.ma.us) within 72 hours prior to each application of herbicide, algaecide or alum.

30. The Applicant or its contractor/consultant shall post signs along the shoreline of the pond within 24 hours prior to each application of herbicide, algaecide or alum. Such signs will be posted in a manner so as to sufficiently alert the public of any temporary water use restriction(s). Said signs shall be maintained for the period of the water use restriction or twenty-four (24) hours following application, whichever is longer.

31. No more than three weeks prior to any whole-pond treatments, the Applicant shall notify by hand delivery or first-class mail all abutters of the application and use restrictions, if any. At the same time, the applicant shall also forward this notice to:

a) the Friends of Spy Pond Park (Karen Grossman, k1gwoman@comcast.net)
b) the Arlington listserve (www.arlingtonlist.org),
c) the Arlington Boys and Girls Club (abgclub@abgclub.org)
d) the Town's webpage (webmaster@town.arlington.ma.us)
e) the Mystic River Watershed Association (contact@mysticriver.org).
f) Spy Pond committee (Brad Barber, chair, bradb@shore.net)
g) Arlington Land Trust (Jenn Ryan, director, info@arlingtonlandtrust.org)

32. Application of all herbicides, algaecides or alum shall be administered by an applicator licensed by the Commonwealth of Massachusetts. A copy of the approved license shall be provided to the Conservation Commission prior to the initial application.

33. The rate of herbicide, algaecide or alum application shall be in accordance with this Order of Conditions and Permit, the Notice of Intent, the manufacturer's recommendations, and within applicable state guidelines, with the Notice of Intent and this Order of Conditions and Permit taking precedent.

34. Any temporary restriction of the pond water outflow to increase effectiveness of the herbicide or algaecide shall be monitored at a minimum of three (3) times per week during the treatment period by the Applicant to prevent excessive rise in water level and to prevent flooding.

35. The water level of Spy Pond may be lowered a maximum of approximately eight (8) inches as part of this project.

36. All precautions shall be taken to prevent spillage of any chemical, herbicide, algaecide or alum during application. Any such spillage shall be contained and cleaned-up immediately and fully, and shall be reported to the Conservation Commission and any other necessary local or state authorities.

37. Any equipment or vehicles shall not be stored at the site for more than seven (7) days prior to or seven (7) days after commencing each application.

38. Hand harvesting of aquatic weeds is allowed with this permit if the Commission is given prior notice and annual progress reports.

39. No later than 30 days after an approved treatment is applied to Spy Pond, the Applicant shall submit a report with the following information to the Conservation Commission (document sent to cbeckwith@town.arlington.ma.us):

1. What were the pond conditions at the time it was decided to apply the treatment;
2. What criteria were used to reach the decision to apply treatment;
3. Who was contacted and involved in making the decision to apply treatment;
4. What public notice was given prior to the treatment;
5. What precautions for public safety were taken on the day(s) of treatment;
6. What area(s) of the pond was treated;
7. What chemicals were used and in what quantity;
8. What public precautions were taken after treatment; and

9. What was the effect of the treatment in resolving the identified problem(s).

40. When requesting a renewal or extension of this permit, the applicant must submit a report to the Conservation Commission (document sent to cbeckwith@town.arlington.ma.us) on the overall health of Spy Pond and any work in the watershed to improve the water quality.

Town of Arlington, Massachusetts

Request for Certificate of Compliance

Summary:

Request for Certificate of Compliance:46 Spy Pond Parkway
MassDEP File #091-0300

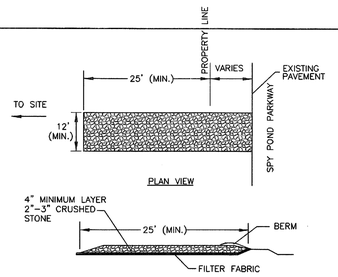
The project as approved proposed to raze and rebuild an existing single family home and add resource area improvements through a native vegetation buffer along Spy Pond and pervious paver driveway, 9:00pm walkways, and patio in the 100-ft wetlands buffer and AURA of Spy Pond. The project was approved on 11/20/2018.

ATTACHMENTS:

Type	File Name	Description
Request for Certificate of Compliance	46_Spy_Pond_Parkway_Plan_10232018.pdf	46 Spy Pond Parkway Proposed Plan
Request for Certificate of Compliance	46_Spy_Pond_Parkway_Planting_Plan_10202018.pdf	46 Spy Pond Parkway Proposed Planting Plan
Request for Certificate of Compliance	46_Spy_Pond_Parkway_Recorded_OOC_11292018.pdf	46 Spy Pond Parkway OOC
Request for Certificate of Compliance	46_Spy_Pond_Parkway_RCOC_Cover_Letter_08252020.PDF	46 Spy Pond Parkway Request for COC Letter
Request for Certificate of Compliance	46_Spy_Pond_Parkway_RCOC.pdf	46 Spy Pond Parkway Request for COC
Request for Certificate of Compliance	46_Spy_Pond_Parkway_As-Built.PDF	46 Spy Pond Parkway As Built
Request for Certificate of Compliance	46_Spy_Pond_Parkway_COC_Additional_Letter_02252021.pdf	46 Spy Pond Parkway RCOC Additional Letter
Request for Certificate of Compliance	46_Spy_Pond_Parkway_Grass_Replacement_for_Buffer_As_Built.pdf	46 Spy Pond Parkway Buffer As Built
Request for Certificate of Compliance	46_Spy_Pond_Parkway_As_Built_04292021.PDF	46 Spy Pond Parkway As Built_revised
Request for Certificate of Compliance	46_Spy_Pond_Parkway_RCOC_Letter_04292021.PDF	46 Spy Pond Parkway RCOC Letter_revised

GENERAL NOTES

1. ELEVATIONS REFER TO NAD 83. BENCHMARK: PK NAIL SET IN UTILITY POLE NEAR THE SOUTH EAST PROPERTY CORNER, ELEVATION = 11.9.
2. THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES SHALL BE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE THE LOCATIONS OF ANY CROSSINGS OF PROPOSED AND EXISTING UTILITIES.
3. MASSACHUSETTS STATE LAW REQUIRES UTILITY NOTIFICATION AT LEAST THREE BUSINESS DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL DIG-SAFE AT 1-888-344-7233 IN ORDER TO COMPLY WITH STATE LAW.
4. THIS PLAN IS THE RESULT OF AN INSTRUMENT SURVEY DONE ON THE GROUND 10/28/17, 7/25/18.
5. ALL WORK SHALL BE SUBJECT TO THE INSPECTION BY AND APPROVAL OF THE TOWN ENGINEER & DPW.
6. IN CASES WHERE LEDGE OR BOULDERS ARE ENCOUNTERED, EVERETT M. BROOKS CO. WILL NOT BE RESPONSIBLE FOR THE AMOUNT OF ROCK ENCOUNTERED.
7. IF ANY PART OF THIS DESIGN IS TO BE ALTERED IN ANY WAY, THE DESIGN ENGINEER, AS WELL AS THE APPROVING AUTHORITIES, SHALL BE NOTIFIED IN WRITING BEFORE CONSTRUCTION.
8. ALL OF THE ROOF RUNOFF FROM THE PROPOSED ROOF SURFACES INDICATED SHALL BE COLLECTED BY GUTTERS AND DIRECTED TO THE PROPOSED LEACHING GALLEYS.
9. ALL TOPSOIL, SUBSOIL OR IMPERVIOUS SOIL MUST BE EXCAVATED AND REMOVED BELOW THE LEACHING GALLEYS AND TO A DISTANCE 5' LATERALLY IN ALL DIRECTIONS BEYOND THE SIDES OF THE GALLEYS. BACKFILL AS REQUIRED WITH A CLEAN GRANULAR SAND, FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES. THE SAND SHALL HAVE A PERCOLATION RATE OF 2 MINUTES PER INCH OR FASTER.
10. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE DESIGN ENGINEER FOR INSPECTIONS OR AS-BUILT LOCATIONS. EVERETT M. BROOKS CO. WILL NOT PROVIDE AS-BUILT CERTIFICATION TO UNINSPECTED BACKFILLED UTILITIES. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED PRIOR TO INSPECTIONS.
11. ANY PROPOSED WALLS BY OTHERS.
12. SOIL CONDITIONS AND GROUNDWATER ELEVATION SHALL BE EVALUATED AT THE TIME OF CONSTRUCTION. THE PROPOSED DRAINAGE SYSTEM SHALL BE MODIFIED, IF REQUIRED.

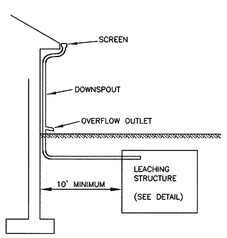


NOTES:

1. ENTRANCE WIDTH SHALL BE A TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.

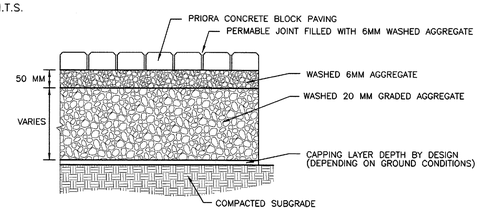
CONSTRUCTION ENTRANCE

N.T.S.



TYPICAL DOWNSPOUT DETAIL

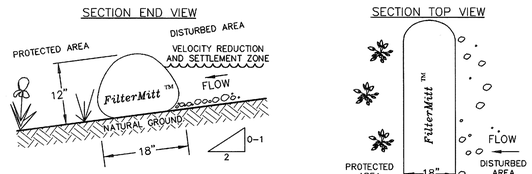
N.T.S.

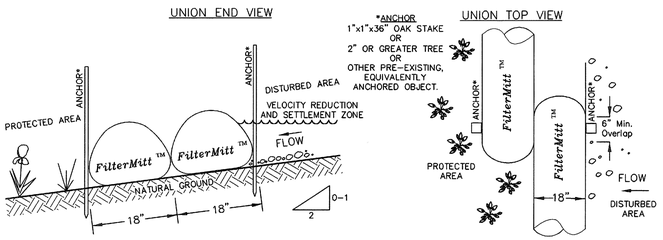


PRIORA CONCRETE BLOCK PAVING

TYPICAL PERMEABLE PAVERS DETAIL

N.T.S.





***FilterMitt*™ COMPONENTS:**

OUTSIDE CASING: 100% organic hessian.

FILLER INGREDIENT: ***FiberRoot Mulch*™**

- A blend of coarse and fine compost and shredded wood.
- Particle sizes: 100% passing a 3" screen; 90-100% passing a 1" screen; 70-100% passing a 0.75" screen; 30-75% passing a 0.25" screen.
- Weight: Approx. 850 lbs./cu.yd. (Ave. 30 lbs./l.f.)

For more information visit:
www.groundscapesexpress.com
or contact us at:
Groundscapes Express, Inc.
P.O. Box 737
Wrentham, MA 02093
(508) 384-7140

***FilterMitt*™ INSTALLATION:**

With the newest technology and equipment, sections can be constructed on site in lengths from 1' to 100'.

Sections can also be delivered to the site in lengths from 1' to 8'.

The flexibility of ***FilterMitt*™** allows it to conform to any contour or terrain while holding a slightly oval shape at 12" high by 18" wide.

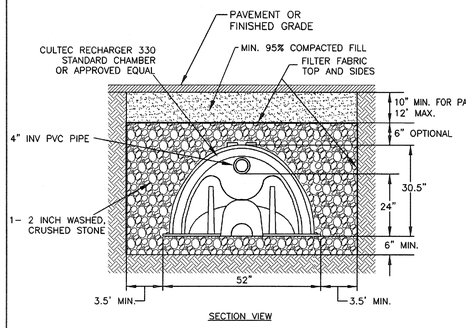
Where section ends meet, there shall be an overlap of 6" or greater. Both sides shall be anchored (oak stakes, trees, etc.) to stabilize the union.

***FilterMitt*™ by Groundscapes Express, Inc.**

2:1 SLOPES OR LESS

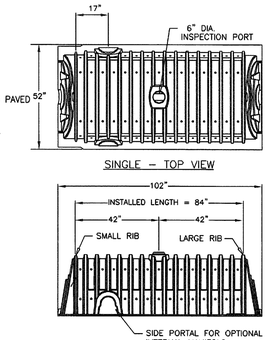
SILTATION CONTROL DETAIL

N.T.S.



SECTION VIEW

GENERAL NOTES
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT.
STORAGE PROVIDED = 11.32 CF/FT PER DESIGN UNIT
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.
THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS



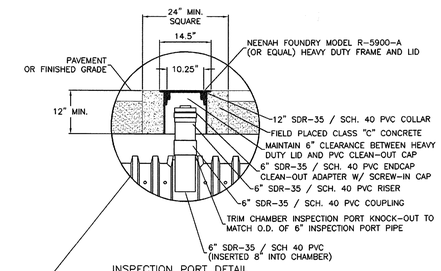
CULTEC RECHARGER 330XLHD CHAMBER STORAGE = 7.459 CF/FT
INSTALLED LENGTH ADJUSTMENT = 1.5'

SINGLE - SIDE VIEW

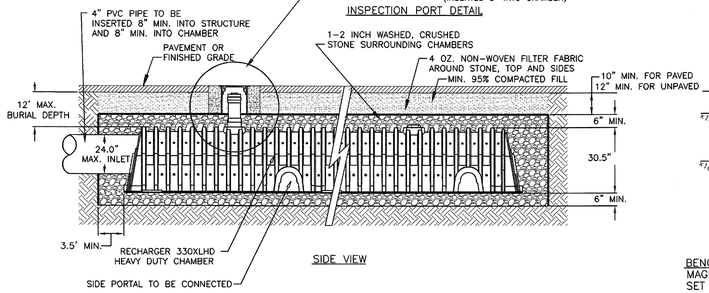
TRAFFIC APPLICATION

CULTEC RECHARGER 330XL CHAMBER SYSTEM

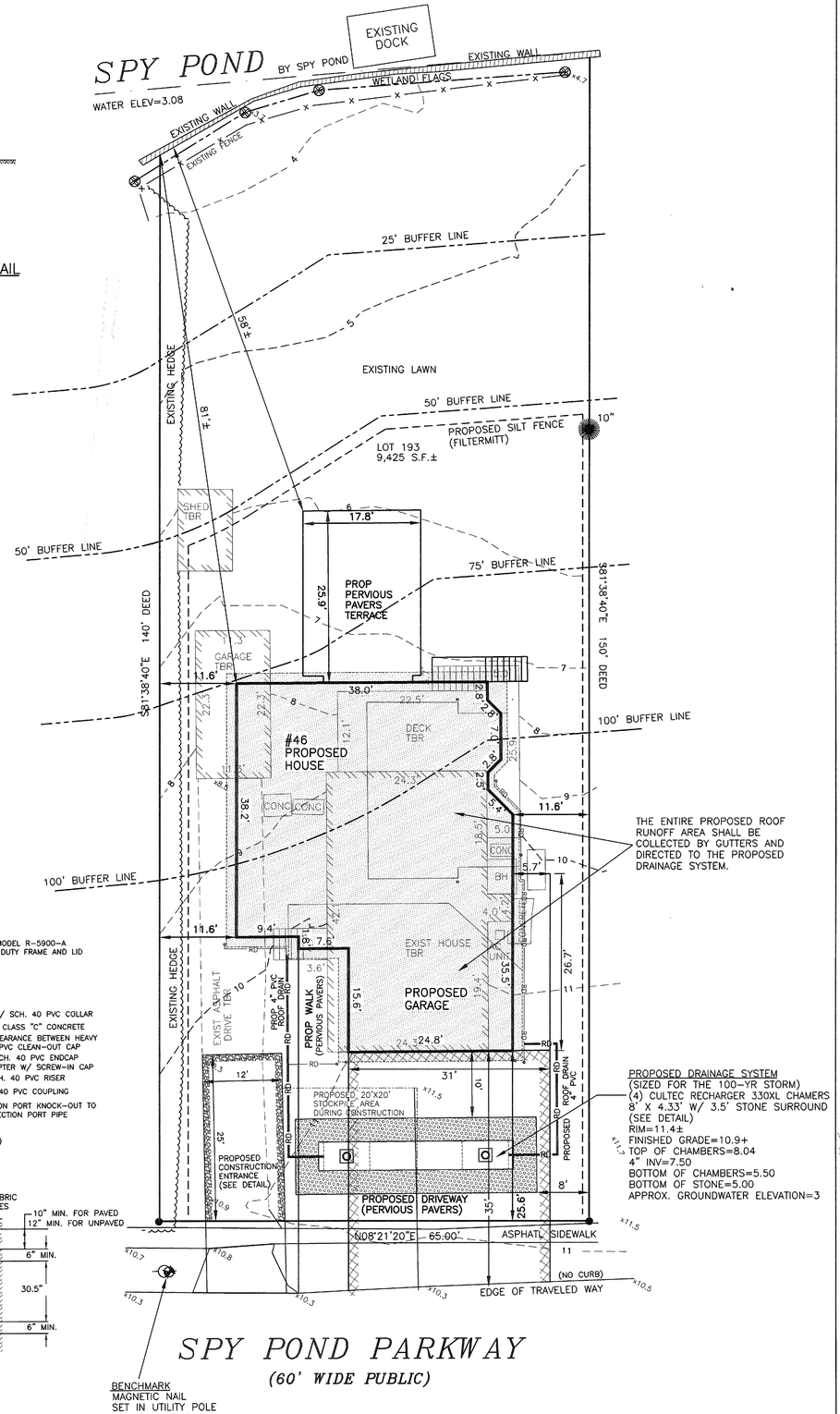
N.T.S.



INSPECTION PORT DETAIL



SIDE VIEW



BENCHMARK
MAGNETIC NAIL
SET IN UTILITY POLE
ELEVATION 11.9
NAD83

ESTABLISHED 1916
EMB
EVERETT M. BROOKS CO.
SURVEYORS & ENGINEERS
49 LEXINGTON STREET
WEST NEWTON, MA 02465
(617) 527-8750
info@everettbrooks.com

0' 10' 20' 30'

DEED REFERENCE:
BK 1478 PG 58
PLAN REFERENCE:
L.C.C. 16919 D

LEGEND

- UTILITY POLE
- WATER GATE
- HYDRANT
- GAS GATE
- SEWER MANHOLE
- DRAIN MANHOLE
- CATCH BASIN
- TREE
- LIGHT POLE
- SIGN
- TBR TO BE REMOVED
- TBA TO BE ABANDONED
- TH#1 DEEP TEST HOLE
- PT#1 PERCOLATION TEST
- 71.4 X SPOT ELEVATION
- 71 PROPOSED CONTOUR
- 71 EXISTING CONTOUR
- D DRAIN LINE
- RD ROOF DRAIN
- FD FOUNDATION DRAIN
- W WATER LINE
- S SEWER LINE
- G GAS LINE
- OHW OVERHEAD WIRES
- X FENCE
- STONEWALL
- HEDGE
- TREE LINE

COMMONWEALTH OF MASSACHUSETTS — MICHAEL S. KOSMO — CIVIL — No. 31487 — REGISTERED PROFESSIONAL ENGINEER — 10/23/18

COMMONWEALTH OF MASSACHUSETTS — BRUCE BRADFORD No. 38376 — REGISTERED PROFESSIONAL LAND SURVEYOR — 10/23/18

PLAN OF LAND IN ARLINGTON, MA

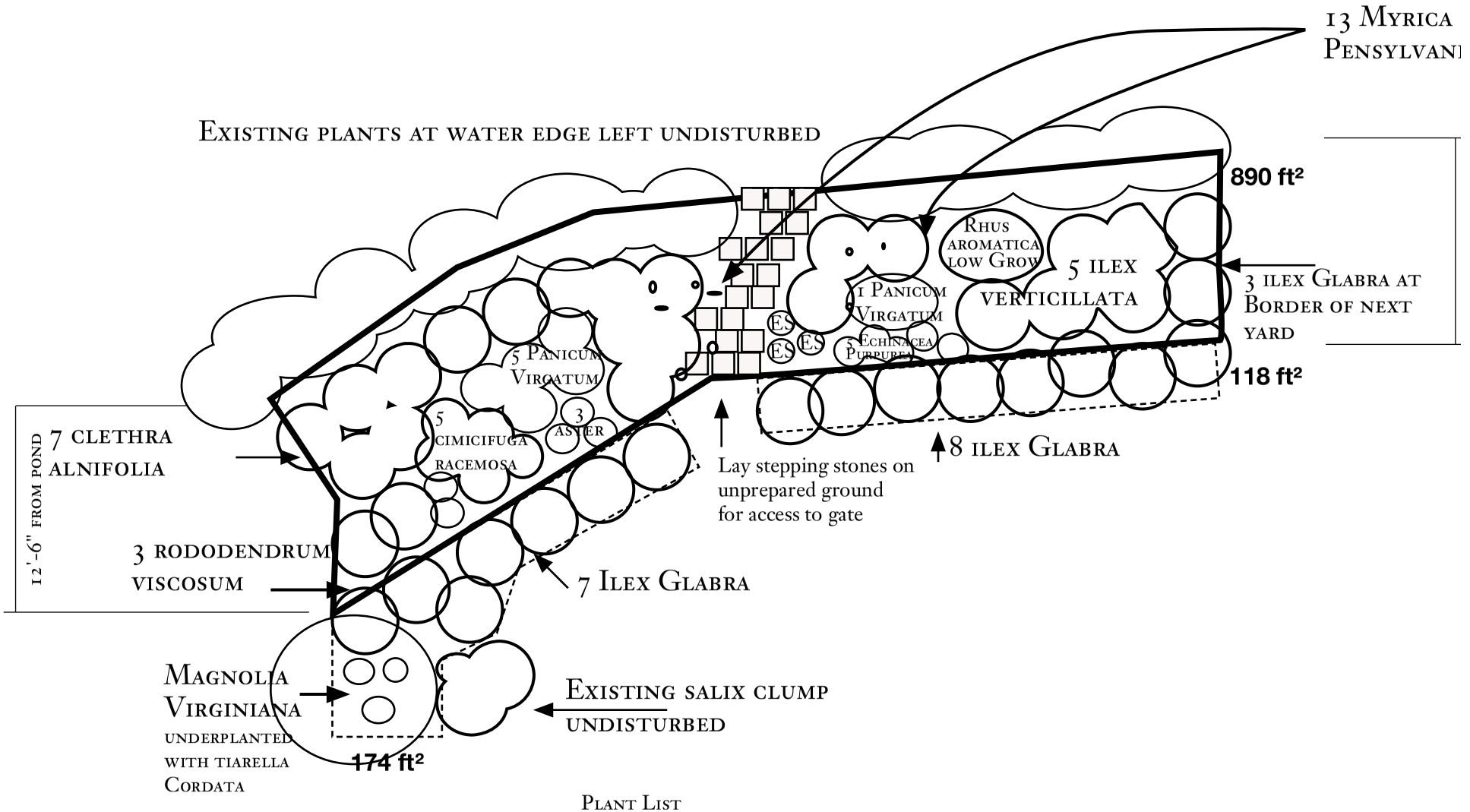
46 SPY POND PARKWAY
PROPOSED ADDITION

SCALE: 1 IN.= 10 FT.
DATE: SEPTEMBER 4, 2018
DRAWN: GA/ ES
CHECK: BB & MSK

REVISIONS:

10/23/18	VARIOUS REVISOINS	ES

PROJECT NO. 24816



Note:
The 12 foot buffer constitutes 890 sq.ft. This leaves the existing clump of salix isolated in an awkward way so I have added the ilex band and the Magnolia. (dotted line) Combined they add 292 sq. ft.

Total planting area is therefore 1182 sq.ft.

Plant List
13 Myrica Pensylvanica, Bayberry
1 Rhus Aramatica, sumac
5 Ilex Verticellata, Winterberry, 1 male +4 female
6 Panicum Virgatum, Switch Grass
3 Erogrostis Spec., Purple Love Grass
5 Echinacea Purpurea, Coneflower
3 Aster Nove Angliae, New England Aster
5 Cimicifuga Racemosa, Snakeroot
7 Clethra Alnifolia, Sweet Pepper Bush
3 Rododendron Viscosum, Swamp Azalea
7 Tiarella Cordata, Foamflower
18 Ilex Glabra, Ink Berry
1 Magnolia Virginiana

Home of Sean and Marimar Galvin
46 Spy Pond Parkway
Arlington, MA

12' Vegetation Buffer
Planting
october 20,2018

The office of Michael J Scanlon
Interior Design Space Planning Architectural Detailing
28 Holyoke Street, Boston, MA 02116 Tel 617-894-9785
E-Mail mjs@mjscanlon.com
National Council for Interior Design Qualification*cert #12167*

2018 01802528
Bk: 01478 Pg: 58 Cert#: 260345
Doc: ORD 11/29/2018 10:52 AM

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File # 091-0300
eDEP Transaction # Arlington
City/Town

A. General Information

Please note: this form has been modified with added space to accommodate the Registry of Deeds Requirements

1. From: Arlington Conservation Commission

2. This issuance is for (check one): a. ☒ Order of Conditions b. ☐ Amended Order of Conditions

3. To: Applicant:

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

Sean (a. First Name) Galvin (b. Last Name)
c. Organization
d. Mailing Address
630 High Street, Medford (e. City/Town) MA (f. State) 02155 (g. Zip Code)

4. Property Owner (if different from applicant):

a. First Name b. Last Name
c. Organization
d. Mailing Address
e. City/Town f. State g. Zip Code

5. Project Location:

46 Spy Pond Parkway (a. Street Address) Arlington (b. City/Town) lot 193
18 (c. Assessors Map/Plat Number) 9-2 (d. Parcel/Lot Number)

Latitude and Longitude, if known: 42d24m18.108s (d. Latitude) 71d9m21.06s (e. Longitude)

260345

MS

A. General Information (cont.)

6. Property recorded at the Registry of Deeds for (attach additional information if more than one parcel):
   - Middlesex South (a. County)
   - 260345 (b. Certificate Number (if registered land))
   - 1478 (c. Book)
   - 58 (d. Page)
   - Document #: 1709447

7. Dates:
   - 7/19/2018 (a. Date Notice of Intent Filed)
   - 11/1/2018 (b. Date Public Hearing Closed)
   - 11/20/2018 (c. Date of Issuance)

8. Final Approved Plans and Other Documents (attach additional plan or document references as needed):
   - Plan of Land in Arlington, MA (a. Plan Title)
   - Everett M. Brooks Co. (b. Prepared By)
   - Michael S.Kosmo (Engineer) 9/4/2018 (c. Signed and Stamped by)
   - 10/23/2018 (d. Final Revision Date)
   - 1"=20' (e. Scale)
   - See attached (f. Additional Plan or Document Title)
   - (g. Date)

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act:

   Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act (the Act). Check all that apply:

a. ☒ Public Water Supply
b. ☐ Land Containing Shellfish
c. ☒ Prevention of Pollution
d. ☐ Private Water Supply
e. ☐ Fisheries
f. ☒ Protection of Wildlife Habitat
g. ☒ Groundwater Supply
h. ☒ Storm Damage Prevention
i. ☒ Flood Control

2. This Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

a. ☒ the following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.

B. Findings (cont.)

Denied because:

b. ☐ the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**

c. ☐ the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**

3. ☒ Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a) — 66.9 a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. ☐ Bank	a. linear feet	b. linear feet	c. linear feet	d. linear feet
5. ☒ Bordering Vegetated Wetland	a. square feet	b. square feet	12 c. square feet	12 d. square feet
6. ☐ Land Under Waterbodies and Waterways	a. square feet	b. square feet	c. square feet	d. square feet
	e. c/y dredged	f. c/y dredged		
7. ☐ Bordering Land Subject to Flooding	a. square feet	b. square feet	c. square feet	d. square feet
Cubic Feet Flood Storage	e. cubic feet	f. cubic feet	g. cubic feet	h. cubic feet
8. ☐ Isolated Land Subject to Flooding	a. square feet	b. square feet		
Cubic Feet Flood Storage	c. cubic feet	d. cubic feet	e. cubic feet	f. cubic feet
9. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet

B. Findings (cont.)

Coastal Resource Area Impacts: Check all that apply below. (For Approvals Only)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. ☐ Land Under the Ocean	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
12. ☐ Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. ☐ Coastal Beaches	a. square feet	b. square feet	c. nourishment (cu yd)	d. nourishment (cu yd)
14. ☐ Coastal Dunes	a. square feet	b. square feet	c. nourishment (cu yd)	d. nourishment (cu yd)
15. ☐ Coastal Banks	a. linear feet	b. linear feet		
16. ☐ Rocky Intertidal Shores	a. square feet	b. square feet		
17. ☐ Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
18. ☐ Land Under Salt Ponds	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
19. ☐ Land Containing Shellfish	a. square feet	b. square feet	c. square feet	d. square feet
20. ☐ Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	a. c/y dredged	b. c/y dredged		
21. ☐ Land Subject to Coastal Storm Flowage	a. square feet	b. square feet		
22. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet

B. Findings (cont.)

* #23. If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c (BVW) or B.17.c (Salt Marsh) above, please enter the additional amount here.

23. ☒ Restoration/Enhancement *:

890
a. square feet of BVW

b. square feet of salt marsh

24. ☐ Stream Crossing(s):

a. number of new stream crossings

b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
   a. The work is a maintenance dredging project as provided for in the Act; or
   b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
   c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on _____ unless extended in writing by the Department.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.

C. General Conditions Under Massachusetts Wetlands Protection Act

8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.

9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.

10. A sign shall be displayed at the site not less then two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MassDEP"]

"File Number 091-0300 "

11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.

12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.

13. The work shall conform to the plans and special conditions referenced in this order.

14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.

15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.

18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.

19. The work associated with this Order (the "Project")
    (1) ☐ is subject to the Massachusetts Stormwater Standards
    (2) ☒ is NOT subject to the Massachusetts Stormwater Standards

    If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

    a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.

    b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:
    i. all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;
    ii. as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;
    iii. any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement) for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:

i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and

ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.

d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.

e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 18(f) through 18(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 18(f) through 18(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.

f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.

C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

g) The responsible party shall:
1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.

h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.

i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.

j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.

k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.

l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):
See attached Findings and Conditions

20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.

D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? ☒ Yes ☐ No
2. The Arlington Conservation Commission hereby finds (check one that applies):
   a. ☐ that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw, specifically:

      1. Municipal Ordinance or Bylaw ____ 2. Citation ____

      Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

   b. ☒ that the following additional conditions are necessary to comply with a municipal ordinance or bylaw:

      Arlington Bylaw for Wetlands Protection (1. Municipal Ordinance or Bylaw) Title V, Art 8 (2. Citation)
3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.
   The special conditions relating to municipal ordinance or bylaw are as follows (if you need more space for additional conditions, attach a text document):
   See attached Findings and Conditions

E. Signatures

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

11/20/2018
1. Date of Issuance

Please indicate the number of members who will sign this form.
This Order must be signed by a majority of the Conservation Commission.

4
2. Number of Signers

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office, if not filing electronically, and the property owner, if different from applicant.

Signatures:

☒ by hand delivery on
11/20/2018
Date

☐ by certified mail, return receipt requested, on
Date

F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.

G. Recording Information

Prior to commencement of work, this Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on this page shall be submitted to the Conservation Commission listed below.

Arlington
Conservation Commission

Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation Commission.

To:

Arlington
Conservation Commission

Please be advised that the Order of Conditions for the Project at:

46 Spy Pond Parkway
Project Location

091-0300
MassDEP File Number

Has been recorded at the Registry of Deeds of:

Middlesex South
County

Book

Page

for: Sean Galvin
Property Owner

and has been noted in the chain of title of the affected property in:

Book

Page

In accordance with the Order of Conditions issued on:

Date

If recorded land, the instrument number identifying this transaction is:

Instrument Number

If registered land, the document number identifying this transaction is:

Document Number

Signature of Applicant

DOCUMENTS REVIEWED

1. Notice of Intent for work at 46 Spy Pond Parkway, Arlington, MA, prepared by Goddard Consulting LLC, for the Applicant: Sean Galvin, dated July 16, 2018.

2. Wetland Border Report, prepared by Goddard Consulting LLC, dated July 24, 2018.

3. Square Footage Existing and Proposed Impermeable Area, prepared by Goddard Consulting LLC, amended March 2018, revised June 12, 2018, revised again October 12, 2018.

4. Existing Conditions Plan of 46 Spy Pond Parkway, prepared by Everett M. Brooks Co. and the Studio of Michael J Scanlon, stamped by Bruce Bradford, dated June 11, 2018, revised October 23, 2018.

5. Proposed Plan of 46 Spy Pond Parkway, prepared by Everett M. Brooks Co. and the Studio of Michael J Scanlon, stamped by Bruce Bradford, dated June 11, 2018, revised October 23, 2018.

6. Notations on Treatment of Landscape & Materials for Drive, Paths and Terrace, prepared by the Studio of Michael J Scanlon, dated June 30, 2018.

7. Detailed Plan of Land in Arlington, MA, prepared by Everett M. Brooks Co., stamped by Michael S. Kosmo (Civil) and Bruce Bradford (Land Surveyor), dated September 4, 2018, revised October 23, 2018.

8. Entire Proposed Roof Runoff Area and Drainage Analysis, prepared by Everett M. Brooks Co., stamped by Michael S Kosmos, dated September 4, 2018, revised September 27, 2018.

9. Alternatives Analysis, prepared by not listed, date not listed.

10. Climate Change Resilience Compliance, prepared by Goddard Consulting LLC, dated October 22, 2018.

11. Plan Showing Vegetated Buffer, prepared by Michael J Scanlon, dated October 20, 2018.

12. Existing Planting in the 100 Foot Buffer Plan, prepared by Michael J Scanlon, dated October 20, 2018.

13. Plan Showing 12 Foot Vegetation Buffer at Pond, prepared by Michael J Scanlon, dated October 20, 2018.

14. 12' Vegetation Buffer Planting Plan, prepared by Michael J Scanlon, dated October 20, 2018.

15. Letter from MassWildlife concerning proposed buffer planting, prepared by Mass Division of Fisheries & Wildlife, dated October 30, 2018.

PROCEDURAL SUMMARY

The Conservation Commission held a public hearing on the Notice of Intent on August 2, 2018. The hearing was continued several times at the request of the applicant. The Commission closed the hearing on November 1, 2018, and on November 15, 2018 deliberated and voted 7-0 to approve the Project with conditions under the Wetlands Protection Act (the "Act") and voted 7-0 to approve the Project with conditions under the Arlington Wetlands Protection Bylaw (the "Bylaw").

FINDINGS OF FACT AND LAW UNDER ARLINGTON WETLANDS PROTECTION BYLAW AND WETLANDS PROTECTION ACT

A. The Project as approved involves the demolition and construction of a single family home on a parcel abutting Spy Pond. The new home will create a net increase of 144.25 square feet of impervious surface within the 100 foot wetland buffer/Adjacent Upland Resource Area. The project includes the construction of pervious-paved driveway, walkways, and backyard terrace. The project also includes the creation of a 890 square foot vegetated buffer toward the pond-end of the parcel near existing vegetation along the pond's bank. The project's drainage system captures the entire roof's runoff and infiltrates the water through a Cultec Recharger system.

B. The parcel is approximately 9,425 square feet, located on Spy Pond, near the Spy Pond Parkway and Bay State Road intersection.

C. The following Resource Areas are present on the site or within 100 feet of the lot lines: Bordering Vegetated Wetland ("BVW") and Adjacent Upland Resource Area ("AURA") (Bylaw) and Buffer Zone (Act) to Bank and BVW. The Commission finds accurate the delineation of Resource Areas shown on the approved Site Plan.

D. The proposal also includes the construction of a native vegetated wetlands mitigation buffer.

E. Based on the testimony at the public hearing, and review of the application materials and the documents listed above submitted during the public hearing, the Commission concludes that the proposed Project will not alter Resource Areas under the Act and Bylaw, the work as conditioned will not have significant or cumulative effects upon the interests of the Wetlands Protection Act or the Resource Area values of the Arlington Wetlands Bylaw when the conditions imposed are implemented to protect the Resource Area values. With the conditions contained herein, the Project meets the performance standards in the Bylaw Regulations and state Wetlands Regulations, 310 CMR 10.00.

Additional Special Conditions

In addition to the General Conditions (numbered 1 – 20 above), the Project is subject to the following Additional Special Conditions (under both the Act and Bylaw):

21. Work permitted by this Order and Permit shall conform to the Notice of Intent, the approved plans and documents (listed above), and oral representations (as recorded in hearing minutes) submitted or made by the Applicant and the Applicant's agents or representatives, as well as any plans and other data, information or representations submitted per these Conditions and approved by the Commission.

22. The provisions of this Order and Permit shall apply to and be binding upon the Applicant and Applicant's assignees, tenants, property management company, employees, contractors, and agents.

23. No work shall be started under this Order until: (a) all other required permits or approvals have been obtained and (b) the appeal period of ten (10) business days from the date of issue of this Order has expired without any appeal being filed and (c) this Order has been recorded in the Registry of Deeds. No work shall be started under this Permit until all other necessary permits or approvals have been obtained.

24. The Applicant shall ensure that a copy of this Order of Conditions and Permit for work, with any referenced plans, is available on site at all times, and that contractors, site managers, foremen, and sub-contractors understand its provisions.

25. Prior to starting work, the Applicant shall submit to the Commission the names and 24-hour phone numbers of project managers or the persons responsible for site work or mitigation.

26. Before work begins, erosion and sediment controls shall be installed at the limits of the work area. These will include a silt fence and 12 inch straw or silt wattle around the entire work area (haybales are not allowed and silt socks are preferred).

27. The contractor shall contact the Conservation Agent (concomm@town.arlington.ma.us ; 781-316-3012) to arrange for a pre-construction meeting with the on-site project manager to walk through the Order of Conditions, confirm the wash out location, and walk the site to confirm the installation and placement of erosion controls prior to the start of any grading or construction work.

28. The contractor shall provide written Notice of the work start date to the Conservation Agent 48 hours prior to start of work.

29. All dumpsters must be covered at the end of each work day, and no dumpsters will be allowed overnight within the 100 foot Buffer Zone or Adjacent Upland Resource Areas ("AURA") or other Resource Areas.

30. No uncovered stockpiling of materials shall be permitted overnight within 100 feet of any waterway or water body.

31. Areas that are disturbed by construction and access activities shall as soon as possible be brought to final grade and reseeded and restabilized, and shall be done so prior to the removal of the erosion control barrier.

32. Arrangements shall be made for any rinsing of tools, equipment, etc. associated with on–site mixing or use of concrete or other materials such that the waste water is disposed of in the concrete wash out station-at least 50 feet from the resource area. In no case may waste water be discharged into or onto Resource Areas on or adjacent to the site. In no case may waste water be placed in stormdrains. Any spillage of materials shall be cleaned up promptly.

33. Any dirt or debris spilled or tracked onto any paved streets shall be swept up and removed daily.

34. No heavy equipment may be stored overnight within 50 feet of the wetland and no refueling or maintenance of machinery shall be allowed within the 100-foot Buffer Zone, 200-foot Resource Area, and Adjacent Upland Resource Area or within any Resource Area.

35. Any dewatering operations shall conform to the following:
(a) Notify the Conservation Commission that dewatering is required.
(b) Any catch basins, drain and outfalls to be used in dewatering operations shall be cleaned out before operations begin.
(c) Any water discharged as part of any dewatering operation shall be passed through filters, on-site settling basins, settling tank trucks, or other devices to ensure that no observable sediments or pollutants are carried into any Resource Area, street, drain or adjacent property.
(d) Measures shall be taken to ensure that no erosion or scouring shall occur on public or private property, or on the banks or bottoms of water bodies, as a result of dewatering operations.

36. The Commission, its employees, and its agents shall have the right of entry onto the site to inspect for compliance with the terms of this Order of Conditions and Permit until a Certificate of Compliance has been issued.

37. When requesting a Certificate of Compliance for this Order of Conditions, the Applicant must submit a written statement from a Massachusetts professional engineer, registered land surveyor, or registered landscape architect certifying that the completed work complies with the plans referenced in this Order, or provide an as-built plan and statement describing any differences.

38. The existing driveway shall be used as the construction entrance. One (1) foot of crushed stone shall be placed in the construction entrance.

39. At least 21 days prior to commencement of work, a revised Detailed Plan of Development shall be submitted by the Applicant and approved by the Conservation Commission clarifying the pervious paver depth (currently listed as "variable") of the driveway, walkways, and terrace. A minimum installation depth of two (2) feet shall be constructed for all pervious pavement.

40. At least 21 days prior to commencement of work, A new Detailed Plan of Development shall be submitted by the Applicant and approved by the Conservation Commission clarifying the size of the backyard pervious terrace. The backyard pervious terrace shall be constructed as a 17' x 17', rather than 25.8' x 17.8' as listed on the plans. These terrace dimensions and perviousness shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.

41. Prior to plant installation, the Applicant shall submit planting plan details to the Conservation Commission for approval. Planting details shall include plant sizes, Latin names, regular names, number of plants, and transported method (containerized, balled-and-burlapped, etc.). All plantings shall be native and be installed and maintained according to the standards of the American Association of Nurserymen (AAN). This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.

42. To avoid adding excess nitrogen runoff into Spy Pond, the Applicant shall only treat the lawn with slow release nitrogen fertilizer. Application of this fertilizer cannot occur in the summer, or after storm events. Lawn fertilizer shall only be applied twice a year, in spring and fall. No herbicides shall be used to treat invasive or unwanted plants. New plantings shall only be fertilized once, during the initial planting year. No rodenticides shall be used to treat pest management issues. This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.

43. The Applicant shall install permanent markers (granite posts, etc.) along the lawn-facing edge of the vegetated buffer to prevent disruption and destruction, such as mowing. Maintenance of said permanent markings shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.

44. Pervious surfaces shown on the project plans shall be maintained and not be replaced by impervious surfaces. This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.

Doc 01802528 (1)

Southern Middlesex LAND COURT
Registry District

RECEIVED FOR REGISTRATION

On: Nov 29,2018 at 10:52A

Document Fee 75.00

Receipt Total: $75.00

NOTED ON: CERT 260345 BK 01478 PG 58

ALSO NOTED ON:

EVERETT M.

BROOKS
COMPANY

August 25, 2020

Sean Galvin
46 Spy Pond Parkway
Arlington, MA

RE: 46 Spy Pond Parkway, DEP File # 091-0300

Dear Mr. Galvin

Enclosed please find one (1) print of the plan entitled "Plan of Land in Arlington, MA 46 Spy Pond Parkway As-Built", dated June 29, 2020, revised 8/13/20..

This office completed an as-built survey and site inspections of the project site between June 2020 and August 2020. We find that the enclosed plan differs from the Order of Conditions and the approved site plan dated September 4, 2018, revised 10/23/20, as follows:

1. The planting area adjacent to Spy Pond is 742 S.F., a reduction from the proposed 890 S.F. planting area.
2. The backyard terrace was constructed at 25.8' x 17.8' as shown on the referenced site plan not at 17' x 17' as noted in Condition 40 of the Order of Conditions.
3. A larger basement access was constructed at the rear of the house. The paver access terrace is 75 S.F. with 36 S.F. of an added wall and steps, an increase from the proposed 50 S.F. access.
4. The impervious area within the 100 Buffer Zone is 990 S.F., an increase from the proposed area of 771 S.F.
5. Note that Condition 41 will need to be addressed by the Landscape Architect.

If you have any questions regarding this project, please feel free to call our office.

Very truly yours,

EVERETT M. BROOKS COMPANY

Michael S. Kosmo, P. E.

SURVEYORS & ENGINEERS
49 Lexington Street West Newton, MA 02465 (617) 527-8750 Fax: (617) 332-1578 www.everettbrooks.com

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 8A – Request for Certificate of Compliance

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:
091-0300
Provided by DEP

A. Project Information

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





1. This request is being made by:

Sean D. Galvin and Marimar Galvin
Name

46 Spy Pond Parkway
Mailing Address

Arlington | MA | 02474
City/Town | State | Zip Code

781-640-6865
Phone Number

2. This request is in reference to work regulated by a final Order of Conditions issued to:

Sean Galvin
Applicant

November 20, 2018 | 091-0300
Dated | DEP File Number

Upon completion of the work authorized in an Order of Conditions, the property owner must request a Certificate of Compliance from the issuing authority stating that the work or portion of the work has been satisfactorily completed.

3. The project site is located at:

46 Spy Pond Parkway | Arlington
Street Address | City/Town

18 | 9-2 (Lot 193)
Assessors Map/Plat Number | Parcel/Lot Number

4. The final Order of Conditions was recorded at the Registry of Deeds for:

Sean Galvin
Property Owner (if different)

Middlesex | 1478 | 58
County | Book | Page

260345
Certificate (if registered land)

5. This request is for certification that (check one):

☒ the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.

☐ the following portions of the work regulated by the above-referenced Order of Conditions have been satisfactorily completed (use additional paper if necessary).

☐ the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.

A. Project Information (cont.)

6. Did the Order of Conditions for this project, or the portion of the project subject to this request, contain an approval of any plans stamped by a registered professional engineer, architect, landscape architect, or land surveyor?

☒ Yes — If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.

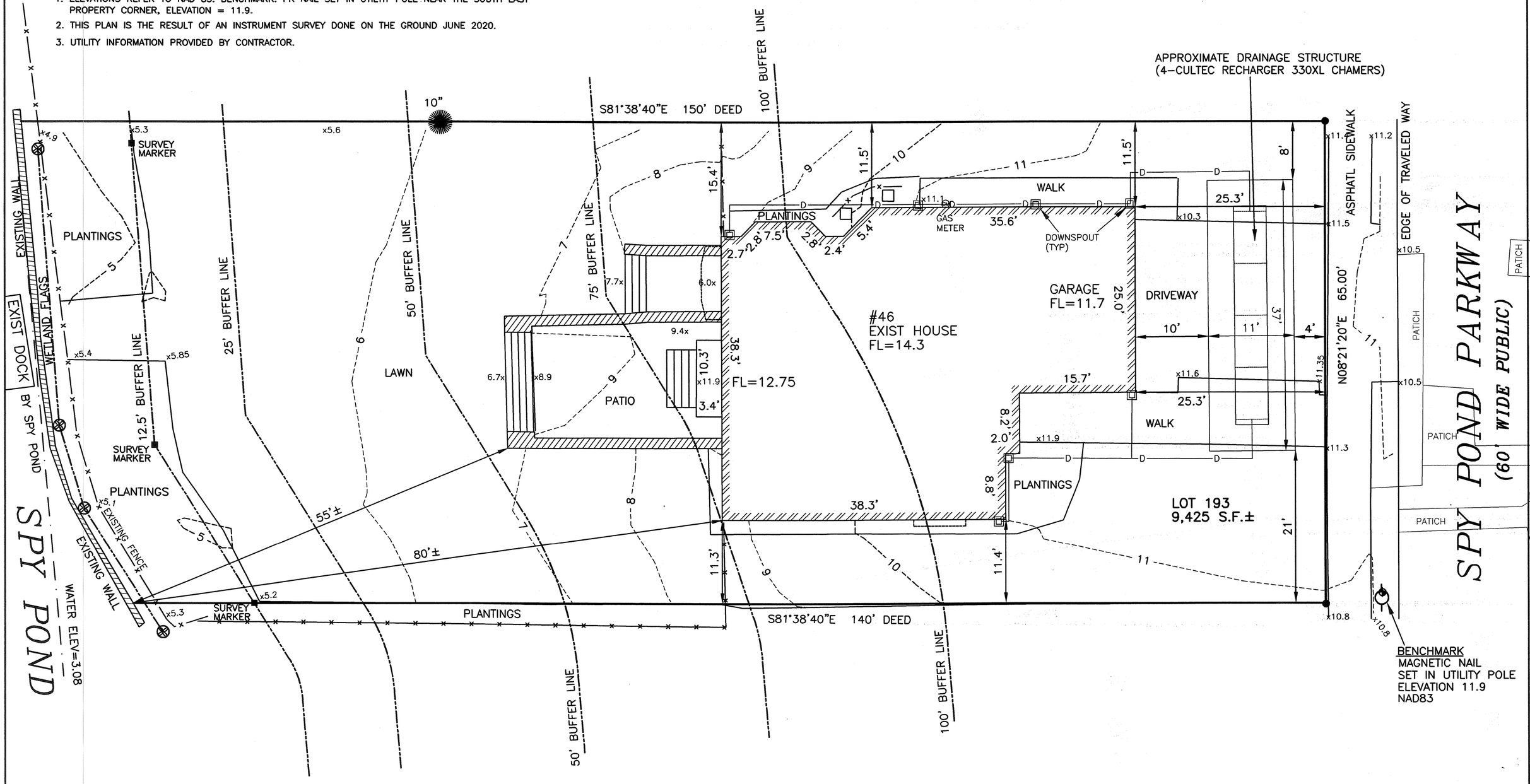
☐ No

B. Submittal Requirements

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-office-for-your-city-or-town.html).

GENERAL NOTES

1. ELEVATIONS REFER TO NAD 83. BENCHMARK: PK NAIL SET IN UTILTIY POLE NEAR THE SOUTH EAST PROPERTY CORNER, ELEVATION = 11.9.
2. THIS PLAN IS THE RESULT OF AN INSTRUMENT SURVEY DONE ON THE GROUND JUNE 2020.
3. UTILITY INFORMATION PROVIDED BY CONTRACTOR.



ESTABLISHED 1916
EMB
EVERETT M. BROOKS CO.
SURVEYORS & ENGINEERS
49 LEXINGTON STREET
WEST NEWTON, MA 02465
(617) 527-8750
info@everettbrooks.com

0' 10' 20' 30'

DEED REFERENCE:
BK 1478 PG 58
PLAN REFERENCE:
L.C.C. 16919 D

LEGEND

	UTILITY POLE	---71---	EXISTING CONTOUR
W	WATER GATE	— D —	DRAIN LINE
	HYDRANT	— RD —	ROOF DRAIN
G	GAS GATE	— FD —	FOUNDATION DRAIN
S	SEWER MANHOLE	— W —	WATER LINE
D	DRAIN MANHOLE	— S —	SEWER LINE
	CATCH BASIN	— G —	GAS LINE
	TREE	— OHW —	OVERHEAD WIRES
	LIGHT POLE	— X —	FENCE
	SIGN		HEDGE
71.4 X	SPOT ELEVATION		TREE LINE

COMMONWEALTH OF MASSACHUSETTS
BRUCE BRADFORD
No. 38376
PROFESSIONAL LAND SURVEYOR
4/29/2020

PLAN OF LAND IN ARLINGTON, MA

46 SPY POND PARKWAY
AS-BUILT

SCALE:	1 IN.= 10 FT.
DATE:	JUNE 29, 2020
DRAWN:	GA/ ES
CHECK:	BB & MSK

REVISIONS:

PROJECT NO. 24816

SCAFIDI JULIANO, LLP
ATTORNEYS AT LAW

www.scafidijuliano.com | Telephone: 781-210-4710 | Facsimile: 781-210-4711

February 25, 2021

Arlington Conservation Commission
Arlington Town Hall
730 Massachusetts Avenue Annex
Arlington, Massachusetts 02476
Attention: Emily Sullivan, Administrator

RE: 46 Spy Pond Parkway, Arlington, MA
DEP Number: 091-0300

Dear Ms. Sullivan:

As you are aware, this office represents the owners Sean D. Galvin and Marimar Galvin relating to the outstanding Order of Conditions for the above-referenced property. On or about July 7, 2020, a Request for Certificate of Compliance was filed along with As Built Plans. As a result of said filing, the Commission had a few outstanding questions and concerns.

The purpose of this letter is to address the Commission's questions and concerns and also request to be placed on the agenda for your next public meeting so that we can address this matter.

It is our understanding that the outstanding questions and concerns cover a few of the Conditions, specifically:

Condition 39. At least 21 days prior to commencement of work, a revised Detailed Plan of Development shall be submitted by the Applicant and approved by the Conservation Commission clarifying the pervious paver depth (currently listed as "variable") of the driveway, walkways, and terrace. A minimum installation depth of two (2) feet shall be constructed for all pervious pavement.

Condition 40. At least 21 days prior to commencement of work, A new Detailed Plan of Development shall be submitted by the Applicant and approved by the Conservation Commission clarifying the size of the backyard pervious terrace. The backyard pervious terrace shall be constructed as a 17' x 17', rather than 25.8' x 17.8' as listed on the plans. These terrace

dimensions and perviousness shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.

Condition 41. Prior to plant installation, the Applicant shall submit planting plan details to the Conservation Commission for approval. Planting details shall include plant sizes, Latin names, regular names, number of plants, and transported method (containerized, balled-and-burlapped, etc.). All plantings shall be native and be installed and maintained according to the standards of the American Association of Nurserymen (AAN). This shall be a continuing condition that survives the expiration of the permit and shall be included in any Certificate of Compliance as a continuing condition.

As we would like to discuss these matters in more detail at the public hearing, our brief response to each are as follows:

Condition 39. It is admitted that in ignorance, the Owners believed that the engineer, Everett Brooks, was reporting back to the Commission and that any issues would have been brought up at that time of installation. In addition, the Owners believed that the inspection by Ms. Sullivan at the time of construction was sufficient enough to fulfill this condition. However, the Owners can confirm that the installation of the pavers was done in accordance to the instructions as attached hereto. In addition, it is very noticeable from the grade of the back terrace that enough crushed stone was placed below the terrace to allow the pavers to infiltrate accordingly as designed.

Condition 40. When excavation to construct the house and back terrace began, the water table was much higher than expected. As a result, the back terrace had to be higher than what was originally proposed. In an effort to keep the stairs at a reasonable steepness as a result of the increase in height, the terrace had to be elongated in order to allow this. As a result of the increased height of the terrace, impervious area increased from the proposed 771 square feet to 990 square feet which is due to the increased stairway and wall only.

Condition 41. See attached updated planting plan showing all plantings installed on the property which should satisfy the Commission.

Please feel free to contact me with any additional questions or concerns with this matter and we look forward to discussing the particulars with you at your next public hearing.

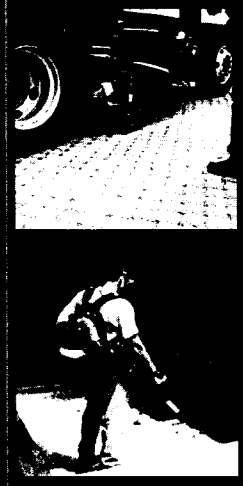
Respectfully submitted,

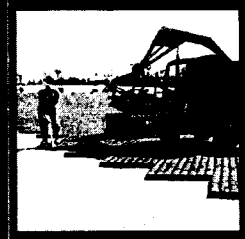
James A. Juliano

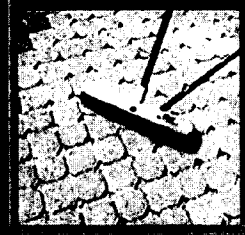
JAJ/abm

Enclosures





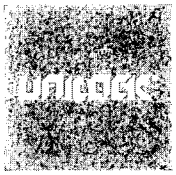






PERMEABLE PAVER
MAINTENANCE GUIDE

DESIGNED TO CONNECT



This guide is specific to Unilock® permeable pavers as a maintainable system for storm water runoff and does not cover cleaning concrete pavers themselves. Please see the Unilock Product Care and Maintenance Guide (available for download at www.unilock.com) for information on cleaning concrete pavers. The maintenance information in this guide is intended for Unilock permeable paver systems only and not for other types of permeable pavers or pervious systems.

Maintenance is necessary for any type of permeable pavement system, much like any impervious pavement with catch basins and underground infrastructure. Over the lifetime of the permeable paver system there will be a need to clean any sediment, soil, dirt and debris from the joint aggregate material to maintain a sufficient infiltration rate. Every project will vary in performance needs, as well as to the frequency in which the joint material must be cleaned. The surface infiltration rate must be greater than the regional 100 year rainfall intensity to adequately ensure no runoff is generated, which is only one goal for using permeable pavers. Unilock® suggests establishing a maintenance plan using the techniques in this document to prevent clogging.

Preceding Maintenance 4

Examples of Common Maintenance Issues 4

Maintenance Types 5

Maintenance Equipment 6

Strategic Procedures for Maintaining Infiltration 8

Recommended Seasonal Maintenance Schedule 9

Winter Maintenance and De-icing 10

PRECEDING MAINTENANCE

Before providing maintenance on permeable paver systems, proper installation and protection during construction is required. Here are a few conditions to observe, require and prevent for establishing a successful system:

1. Verify correct installation and materials:
- Hire contractors with knowledgeable experience installing permeable pavers.
- Review and approve all sub-base, base and joint aggregate materials.
- Do not allow sand and dense-graded aggregates.

2. Prevent construction damage:
- Limit subgrade soil compaction when infiltration is necessary.
- Restrict vehicles with muddy tires from driving over newly placed pavers.
- Do not mix aggregate materials.

3. Refill joint material:
- Once, between 3 and 6 months after initial installation.
- Repeat as needed - approximately every 5-10 years.

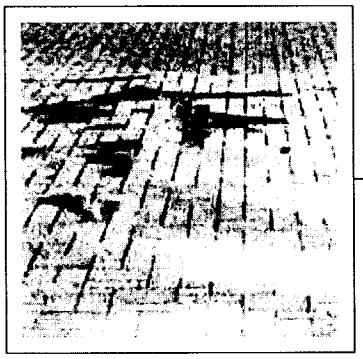
4. Avoid stockpiling of materials such as:
- Topsoil.
- Mulch.

The proper materials and installation execution can be found in the Unilock specifications for permeable pavers. Both residential and commercial projects will utilize the same base, setting bed and joint aggregates. Some projects many not require sub-base materials, underdrainage or geotextile. It is not necessary to separate the setting bed from the base aggregates with a geotextile.

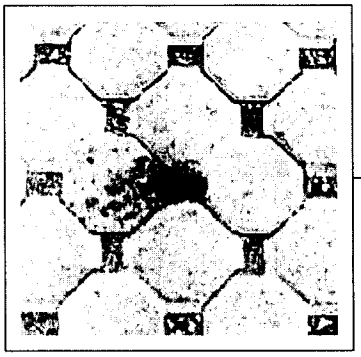
EXAMPLES OF COMMON MAINTENANCE ISSUES

Below are several warning signs and visual clues of common maintenance issues which must be prevented and addressed or remediated to ensure continued surface infiltration.

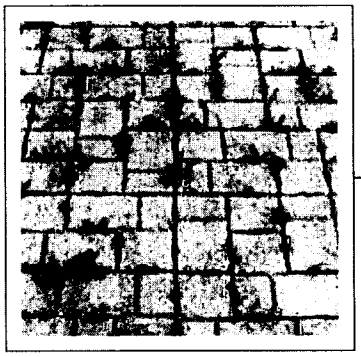
1. Slow Draining/Runoff:
- Verify with simple infiltration testing or observe after rain storms.
- Surface should drain immediately.



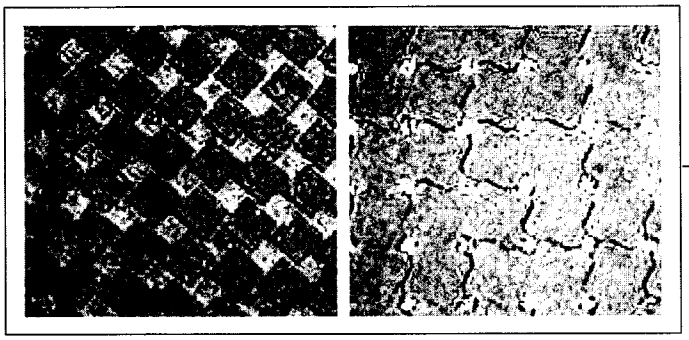
2. Ponding and Bird Baths:
- Rule of thumb: if more than a nickel deep one minute after a rainfall event, maintenance is necessary.
- Verify correct materials were installed.
- Exceptions at bottom of slopes.



3. Surface Crusting:
- Identify if there is a problem such as run on sediments.
- Increase cleaning frequency in troubled areas.
- Remove debris immediately.



4. Weeds:
- Weeds will not germinate unless there is a collection of soil or moisture.
- Remove weeds immediately.
- Clean sediment from joint material.
- Chemical treatment may be required prior to maintenance removal.



5. Covered Joint Material:
- Identify problem and correct.
- Remove immediately.
- Joint material should appear as photo on right.

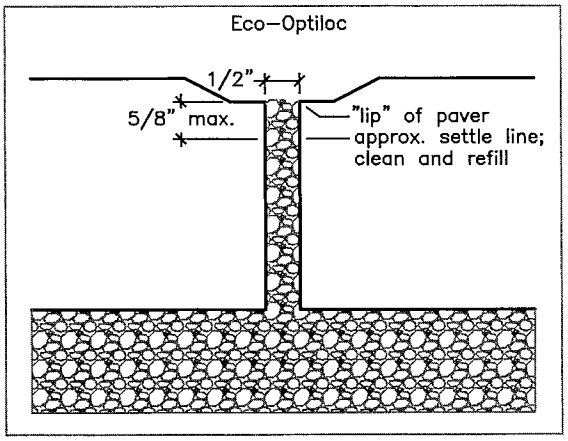
These common problems can often be easily remedied by maintaining the proper joint aggregate level.

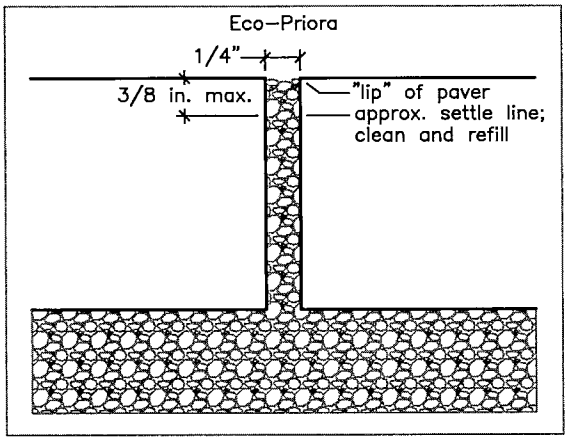
MAINTENANCE TYPES

There are two service types for maintaining the integrity of a permeable paver system.

1. **Preventative** – removes most miscellaneous debris before being trapped in the joint aggregate material causing clogging. This usually does not require removal of any joint material to restore infiltration.

2. **Restorative** – requires some removal or complete removal of the joint material to renew infiltration. Occurs after miscellaneous debris has been captured and lodged in the joint aggregate.





*__Note:__ *Both maintenance types will be most effective when the joint aggregate material is filled to the "lip" of the paver. If the joint material has settled more than the joint width, plus 1/8 inch below the paver lip, the maintenance equipment is significantly less effective and potentially more expensive.*

MAINTENANCE EQUIPMENT

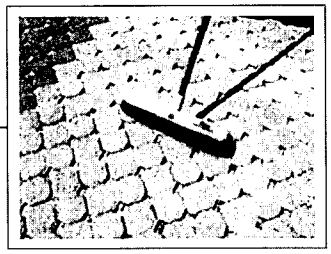
Maintenance equipment requirements will vary according to project size, age, and product type.

Project Type 1: For smaller pedestrian type areas such as sidewalks, driveways, plazas, patios or similar:

Preventative:

1. Hand-Held Bristle Broom

- Available at any hardware store.
- Sweep as needed to keep the surface clear of debris.
- Approximate cost: $15.

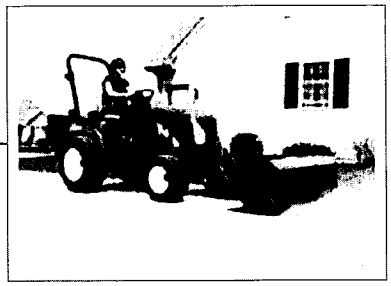


2. Leaf Blower

- Electric or gas powered.
- Minimum air speed of 120 mph.
- Joint aggregate material will remain in place while removing debris from paver surface.
- Approximate cost: $50 to $300.



3. Rotary Brush
- Poly bristles only.
- Flips debris from joint.
- Will require slight refilling of the joint aggregate material.
- Approximate cost: varies depending on attachment vehicle.

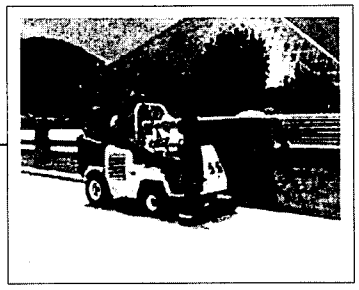


Restorative:

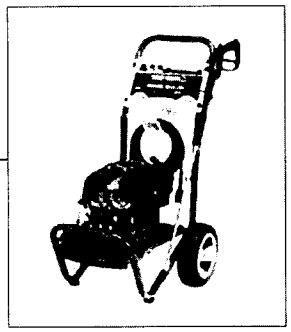
1. Wet/Dry Shop Vacuum
- Minimum 4 HP (peak) motor with 130 cubic feet per minute suction.
- Will remove some joint aggregate material.
- Replenish removed joint aggregate material to "lip" of paver.
- Approximate cost: $50 to $150.



2. Riding Litter Vacuum
- Tennant ATLV 4300.
- 48 inch wide vacuum head.
- 110 gallon capacity.
- Can also be used as a preventative technique.
- Will evacuate most debris from joint except for aggregate material.
- Approximate cost: approx. $25K new.



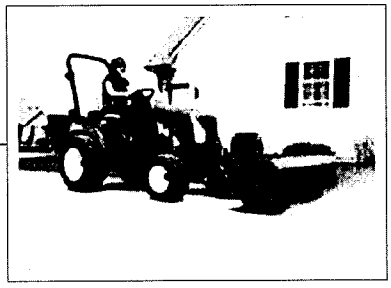
3. Powerwasher
- Capable of spraying 1,400 to 1,800 psi.
- Spray at a 30 degree angle approximately 18 to 24 inches from the surface.
- Will evacuate joint material.
- Replenish removed joint aggregate material to "lip" of paver.
- Approximate cost: $125 to $500.



<u>Project Type 2:</u> For larger vehicular areas such as roads, parking lots, alleys, plazas or similar that can support vehicles:

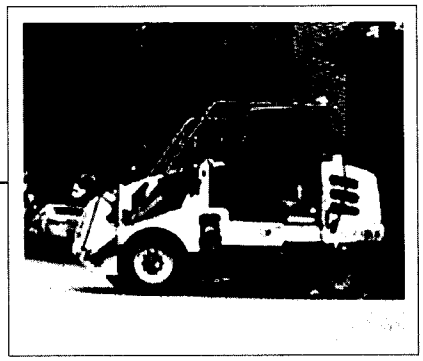
Preventative:

1. Rotary Brush
- Poly bristles only.
- Flips debris from joint.
- Will require slight refilling of the joint aggregate material.
- Approximate cost: Varies depending on attachment vehicle.



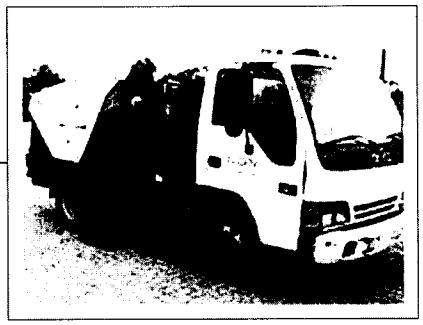
2. Broom Sweepers

- Typical "street sweeper" type.
- Rotating curb brushes with center pickup.
- Poly bristles only.
- Do not utilize water to clean the surface as this can have detrimental effects on the cleaning.
- Best for seasonal cleaning.
- Approximate cost: $100 to $120 per hour from a service company.



3. Regenerative Air Sweepers

- Light duty suction cleaning.
- Utilizes stream of air blowing horizontally across surface and vacuuming.
- No rotating brushes.
- Approximate cost: $45 to $65 per hour from a service company.



Restorative:

1. Vacuum Sweepers

- Vacall Dynamic Multi-Purpose Vacuum. *(top photo)*
- Elgin Whirlwind. *(bottom photo)*
- Heavy duty cleaning.
- Minimum suction of 14,000 cubic feet per minute.
- Complete evacuation of joint aggregate material.
- Replenish removed joint aggregate material to "lip" of paver.
- Approximate cost: $2.50 to $4.50 per parking space.



2. Powerwashers

- Capable of spraying 1,400 to 1,800 psi.
- Spray at a 30 degree angle approximately 18 to 24 inches from the surface.
- Will evacuate joint aggregate material.
- Replenish removed joint aggregate material to "lip" of paver.

STRATEGIC PROCEDURES FOR MAINTAINING INFILTRATION

Observe and implement the following habitual procedures to ensure longevity of the system.

1. **Weekly** – prevent contamination from routine landscape maintenance such as grass clippings from mowing, hedge trimming, mulching plant beds, etc. by implementing the following joint opening cleaning procedures immediately after contamination occurs:
   - Hand broom debris from the paver surface.
   - Blow debris from the paver surface with backpack blower type device, collect and dispose.
   - Mechanically sweep paver surface.

2. **Monthly** – observe any collection areas of debris, dirt, topsoil, mulch, etc. after season events such as snowfall, rain storms, leaf litter, etc. and investigate if clogging is occurring. Immediately restore infiltration using the following cleaning options:
   - Break up any crust covering the joint aggregate material with hand broom for smaller areas or mechanically with a rotary sweeper for larger areas. Remove debris material.
   - When necessary, restore infiltration using wet/dry shop vacuum for small areas or vacuum truck for larger areas by removing debris from joint aggregate material.
   - Replenish joint aggregate material to "lip" of paver.

3. **Yearly** – establish a seasonal maintenance schedule that includes the following:
   - Sweep entire permeable paving surface with appropriate preventative sweeping devices.
   - Replenish joint aggregate material to "lip" of paver.

4. **Ten years plus** – plan long term maintenance to rejuvenate infiltration rates:
   - Complete restoration of the joint aggregate material.
   - Replenish joint with cleaned or new aggregate material to "lip" of paver.

RECOMMENDED SEASONAL MAINTENANCE SCHEDULE

Unilock suggests establishing a best practices maintenance program to ensure longevity of the systems before restorative action is required. Biannual preventative maintenance is suggested as shown in the schedule below. This includes sweeping once in the early spring and once again in the late fall. Below is a preventative maintenance timeline that includes four maintenance suggestions:

1. **After the snow melt – March 1 through April 15**
   - Broom, blow, rotary brush or sweep entire surface.
   - Clean debris from paver surface in location of snow stockpile area.
   - Replenish joint aggregate material after cleaning.
   - Every fifth year, vacuum or power wash problem areas and refill joint material.

2. **Late Spring – April 1 through May 15**
   - Broom, blow, rotary brush or sweep flowers from trees and shrubs.
   - Collect any additional debris from areas mulched or planted with annual flowers.
   - Replenish joint aggregate material as necessary.

3. **Late Summer – July 15 through August 30**
   - Broom, blow, rotary brush or sweep lawn and shrub clippings or tree fruits.
   - Collect any additional debris from summer activities such as charcoal coals inadvertently dumped on the permeable surface, beach sand, etc.
   - Replenish joint aggregate material as necessary.

4. **Late Fall – October 15 through November 30**
   - Broom, blow, rotary brush or sweep plant leaves.
   - Replenish joint aggregate material as necessary.

Various factors will affect each project's preventative maintenance timeline and must be reviewed individually.

See the Recommended Seasonal Maintenance Schedule chart on next page.

Recommended Maintenance Schedule		Seasonal BMP			
		After Snow Melt	Late Spring	Late Summer	Late Fall
Techniques	**Project Type 1: Preventative - choose one**		**1x per season**	**optional**	**1x per season**
	Bristle Broom	**	*	*/**	*
	Leaf Blower	**	*	*/**	*
	Rotary Brush		*	*/**	*
	Project Type 1: Restorative		**		**
	Wet-Dry Vacuum	**	**	**	**
	Riding Litter Vacuum		*	**1x every 5 yrs.	*
	Powerwasher	**	**	**	**
	Project Type 2: Preventative - choose one		**1x per season**	**optional**	**1x per season**
	Rotary Brush		*	*	*
	Broom Sweepers		*		*
	Regenerative Air Sweepers		*		*
	Project Type 2: Restorative				
	Vacuum Sweepers			** 1x every 10 yrs.	
	Powerwasher	**	**	**	**

* recommended

** as needed per Strategic Procedures

WINTER MAINTENANCE AND DE-ICING

Durability is one benefit that Unilock paving stones are known for. Almost all Unilock paving stones have a slight bevel around the edge of the stone. This helps protect the edges from potential chipping by snow clearing equipment. Always use a plastic snow shovel for paving stones. Also fit snow blowers with plastic shoes on the adjustable gliders and on the scoop edge.

When using commercial snow removal companies, confirm in writing they have protective edges on the snowplow equipment to avoid scratching the surface. Although the metal on snow clearing equipment will not adversely affect Unilock paving stones structurally, the contact of any steel on concrete can potentially leave tiny particles of metal in the paver surface which will rust and leave unsightly brown streaks. (A good example of this can be seen on the municipal curbs at the street). To reduce aesthetic damage to the paver surface, only use a polymer or rubber cutting edge on the plow.

De-icing substances, when used in proper amounts, will not damage good-quality concrete. They will, however, speed up the surface wear on some styles of pavers. Many of the exposed aggregate products and tumbled products are unaffected by virtue of their style.

There are three primary types of de-icing salts:

- Sodium chloride (common rock salt) is the most popular de-icing salt. It is widely available and it will melt snow and ice at temperatures down to approximately 16° F. Below 16° F, rock salt stops melting snow and ice. Sodium chloride can damage adjacent grass, plants and metal. Apply with caution and use as sparingly as possible.

- Calcium chloride is another de-icing salt. It generally looks like small, white, round, pellets. It will melt snow down to about 0° F. It can irritate skin. Studies indicate that depending on the concentration, calcium chloride is less damaging to grass than sodium chloride is. Heavy concentrations of calcium chloride can chemically attack concrete.

- Potassium chloride is a de-icing salt available in some markets. It will not hurt skin or damage plants. However, it melts ice only when the air temperature is above 15° F, but it can be combined with sand to improve effectiveness.

Note: *Do not use magnesium chloride.*

Note: *Do not use sand for anti-skid with permeable pavers as it will clog the joint material.*

Note: *Fertilizers that contain ammonium nitrate and ammonium sulfate should not be used for de-icing since these substances attack the integrity of concrete. Always read the manufacturer's recommendations for use and heed all warnings and cautions.*

NOTES

When we take care of the earth,
it will ultimately take care of us.

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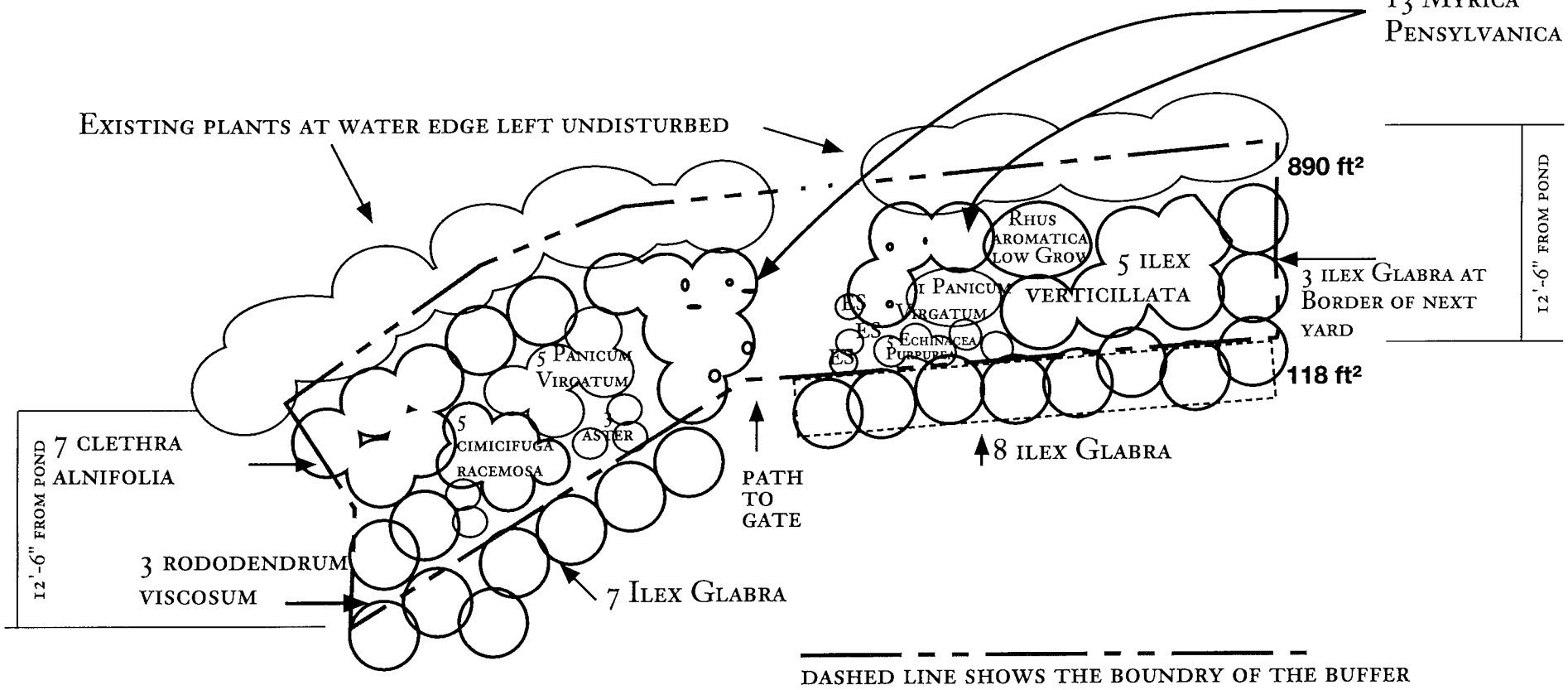
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Plant List

13 Myrica Pensylvanica, Bayberry
1 Rhus Aramatica, sumac
5 Ilex Verticellata, Winterberry, 1 male +4 female
6 Panicum Virgatum, Switch Grass
3 Erogrostis Spec., Purple Love Grass
5 Echinacea Purpurea, Coneflower
3 Aster Nove Angliae, New England Aster
5 Cimicifuga Racemosa, Snakeroot
7 Clethra Alnifolia, Sweet Pepper Bush
3 Rododendron Viscosum, Swamp Azalea
7 Tiarella Cordata, Foamflower
18 Ilex Glabra, Ink Berry

Note:
The 12 foot buffer constitutes 890 sq.ft. This leaves the existing clump of salix isolated in an awkward way so I have added the ilex band and the Magnolia. (dotted line) Combined they add 292 sq. ft.

Total planting area is therefore 1182 sq.ft.

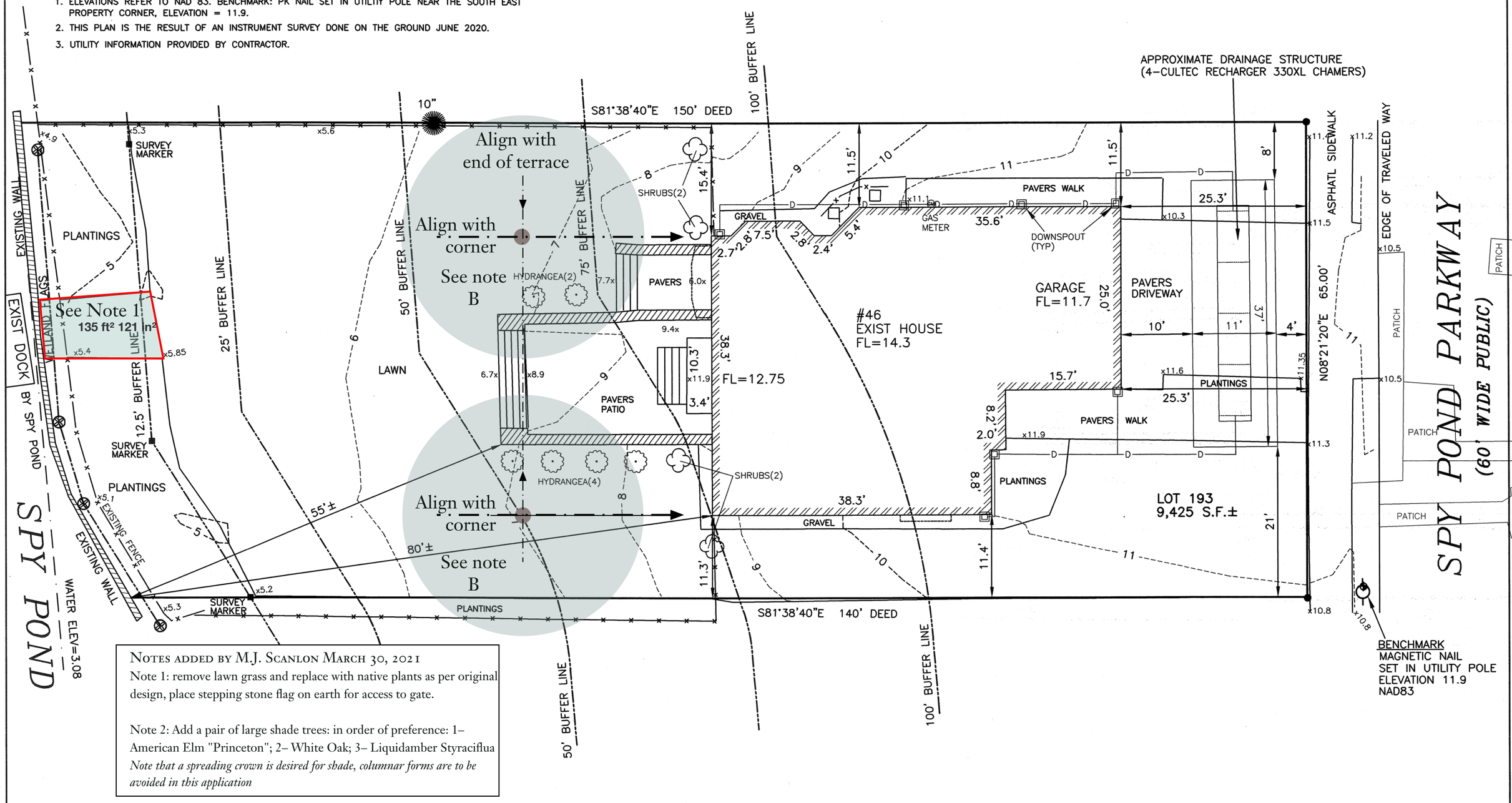
12 foot vegetation buffer
46 Spy Pond Parkway
Arlington, MA
May 2020

The Studio Of
Michael J. Scanlon
28 Holyoke Street, Boston MA, 02116
617-894-9785 mjs@mjscanlon.com

www.MJScanlon.com
National Council for Interior Design Qualification # 12167

GENERAL NOTES

1. ELEVATIONS REFER TO NAD 83. BENCHMARK: PK NAIL SET IN UTILTIY POLE NEAR THE SOUTH EAST PROPERTY CORNER, ELEVATION = 11.9.
2. THIS PLAN IS THE RESULT OF AN INSTRUMENT SURVEY DONE ON THE GROUND JUNE 2020.
3. UTILITY INFORMATION PROVIDED BY CONTRACTOR.



NOTES ADDED BY M.J. SCANLON MARCH 30, 2021

Note 1: remove lawn grass and replace with native plants as per original design, place stepping stone flag on earth for access to gate.

Note 2: Add a pair of large shade trees: in order of preference: 1– American Elm "Princeton"; 2– White Oak; 3– Liquidamber Styraciflua
Note that a spreading crown is desired for shade, columnar forms are to be avoided in this application

ESTABLISHED 1916
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EVERETT M. BROOKS CO.
SURVEYORS & ENGINEERS
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WEST NEWTON, MA 02465
(617) 527-8750
info@everettbrooks.com

0' 10' 20' 30'

DEED REFERENCE:
BK 1478 PG 58
PLAN REFERENCE:
L.C.C. 16919 D

LEGEND

	UTILITY POLE	---71---	EXISTING CONTOUR
W	WATER GATE	— D —	DRAIN LINE
	HYDRANT	— RD —	ROOF DRAIN
G	GAS GATE	— FD —	FOUNDATION DRAIN
S	SEWER MANHOLE	— W —	WATER LINE
D	DRAIN MANHOLE	— S —	SEWER LINE
	CATCH BASIN	— G —	GAS LINE
	TREE	— OHW —	OVERHEAD WIRES
	LIGHT POLE	— X —	FENCE
	SIGN		HEDGE
71.4 X	SPOT ELEVATION		TREE LINE

COMMONWEALTH OF MASSACHUSETTS
BRUCE BRADFORD
No. 38375
PROFESSIONAL LAND SURVEYOR
8/13/2020

PLAN OF LAND IN ARLINGTON, MA

46 SPY POND PARKWAY
AS-BUILT

SCALE:	1 IN.= 10 FT.
DATE:	JUNE 29, 2020
DRAWN:	GA/ ES
CHECK:	BB & MSK

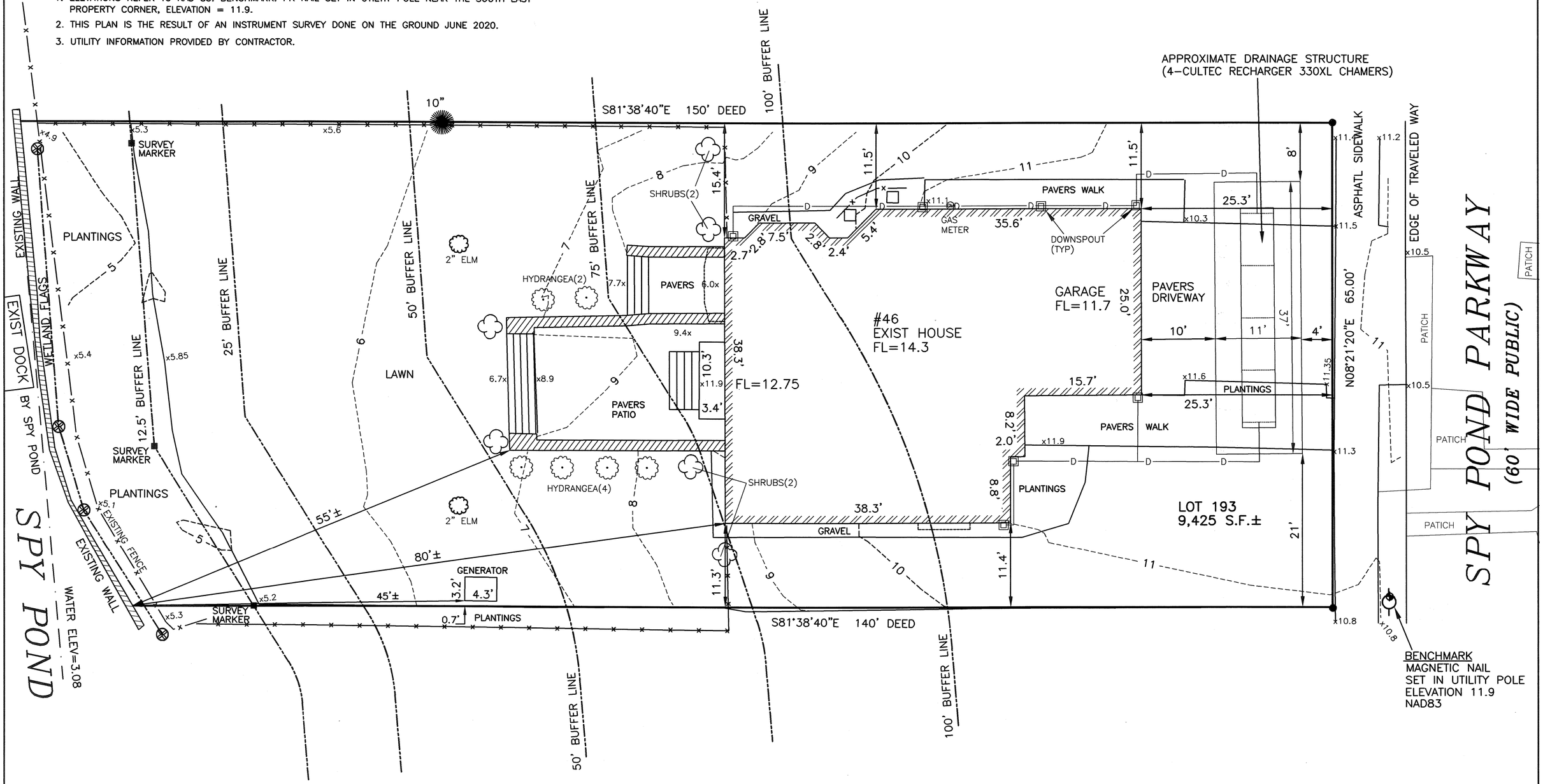
REVISIONS:

8/13/20	VARIOUS	ES

PROJECT NO. 24816

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3. UTILITY INFORMATION PROVIDED BY CONTRACTOR.



ESTABLISHED 1916
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0' 10' 20' 30'

DEED REFERENCE:
BK 1478 PG 58
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L.C.C. 16919 D

LEGEND

	UTILITY POLE	---71---	EXISTING CONTOUR
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S	SEWER MANHOLE	— W —	WATER LINE
D	DRAIN MANHOLE	— S —	SEWER LINE
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	TREE	— OHW —	OVERHEAD WIRES
	LIGHT POLE	— X —	FENCE
	SIGN		HEDGE
71.4 X	SPOT ELEVATION		TREE LINE

BRUCE BRADFORD
No. 38376
COMMONWEALTH OF MASSACHUSETTS
PROFESSIONAL LAND SURVEYOR
4/29/21

PLAN OF LAND IN ARLINGTON, MA

46 SPY POND PARKWAY
AS-BUILT

SCALE:	1 IN.= 10 FT.
DATE:	JUNE 29, 2020
DRAWN:	GA/ ES
CHECK:	BB & MSK

REVISIONS:		
8/13/20	VARIOUS	ES
4/29/21	GENERATOR, TREES	LNS

PROJECT NO. 24816

EVERETT M.

BROOKS
COMPANY

April 29, 2021

Sean Galvin
46 Spy Pond Parkway
Arlington, MA

RE: 46 Spy Pond Parkway, DEP File # 091-0300

Dear Mr. Galvin

Enclosed please find one (1) print of the plan entitled "Plan of Land in Arlington, MA 46 Spy Pond Parkway As-Built", dated June 29, 2020, revised 4/29/21..

This office completed an as-built survey and site inspections of the project site between June 2020 and April 2021. We find that the enclosed plan differs from the Order of Conditions and the approved site plan dated September 4, 2018, revised 10/23/20, as follows:

1. The backyard terrace was constructed at 25.8' x 17.8' as shown on the referenced site plan not at 17' x 17' as noted in Condition 40 of the Order of Conditions.
2. A larger basement access was constructed at the rear of the house. The paver access terrace is 75 S.F. with 36 S.F. of an added wall and steps, an increase from the proposed 50 S.F. access.
3. The impervious area within the 100 Buffer Zone is 990 S.F., an increase from the proposed area of 771 S.F.
4. Note that Condition 41 will need to be addressed by the Landscape Architect.
5. A generator and pad was added to the site.

If you have any questions regarding this project, please feel free to call our office.

Very truly yours,

EVERETT M. BROOKS COMPANY

Michael S. Kosmo, P. E.

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